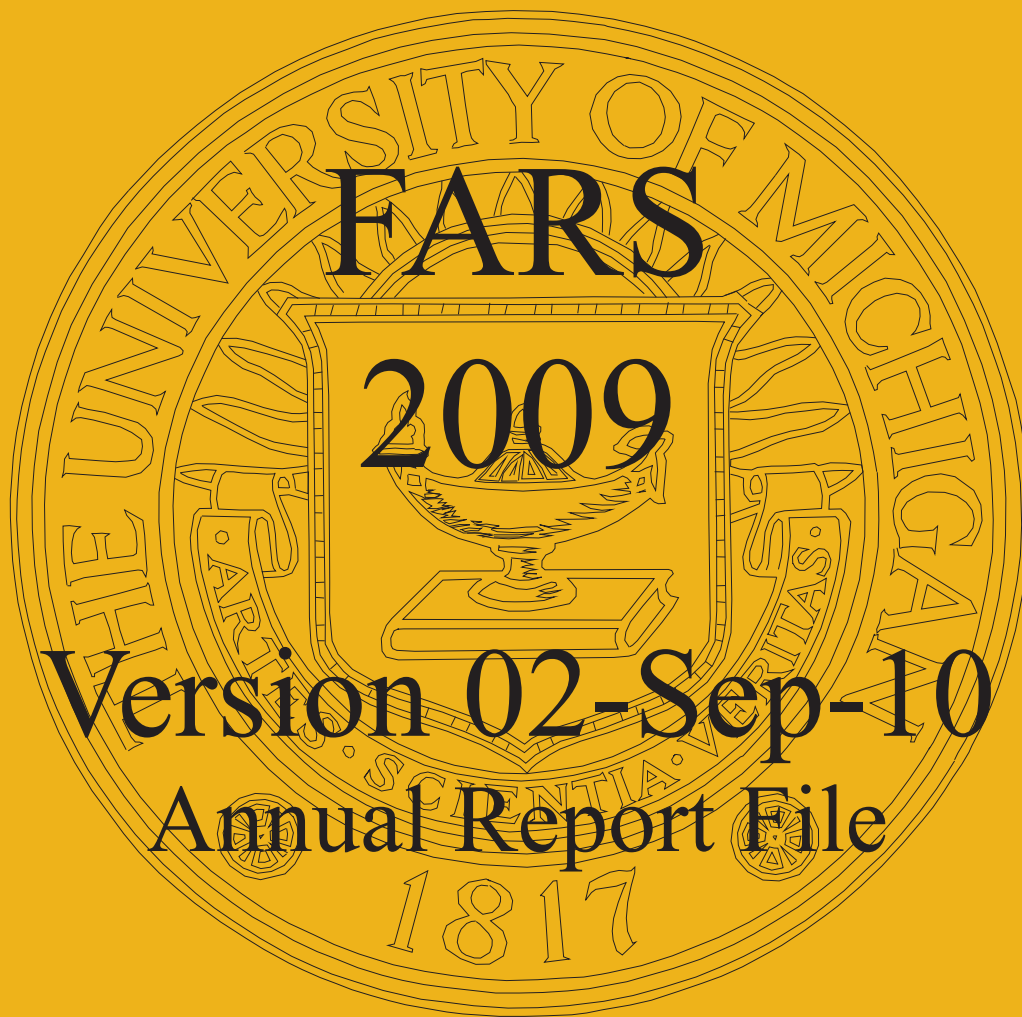


Transportation Data Center
Data Set Codebook

NUMBER 2010-11

OCTOBER 2010



The University of Michigan
Transportation Research Institute

FATALITY ANALYSIS REPORTING SYSTEM (FARS)

2009 Codebook - Version 02Sep10

Introduction

This codebook documents data sets describing motor vehicle accidents involving fatal injuries that occurred in the United States during the calendar year of 2009. This dataset is labeled version 02Sep10 2009 file and is the final reported version. The data sets were developed by the Transportation Data Center from data supplied by the National Highway Traffic Safety Administration (NHTSA) and collected through NHTSA's Fatality Analysis Reporting System (FARS). The cooperation of NHTSA in providing the data is gratefully acknowledged.

FARS is a computerized data base maintained by NHTSA that contains information on fatal motor vehicle traffic accidents occurring in the fifty states and the District of Columbia. Each accident in FARS includes at least one fatality that happened on a trafficway. The data for FARS are provided by the states and reported in a standard format.

The data obtained from NHTSA have been reformatted into five distinct data sets for use with the Data Center's Accident Data Access and Analysis System. The characteristics of the system data sets are given in the table below. Relational data sets for the five record types with extensions made by the Data Center are maintained, however, and other final data set configurations can be generated.

The information used to generate the data sets described in the table represents NHTSA's Version 02Sep10 of the 2009 FARS. The copy was made in September 2010.

In the following codebook, code categories found with no label indicate code values that do not have a valid value in the NHTSA supplied documentation.

The codebook itself is divided into four sections that document the accident, vehicle, occupant, and nonmotorist records respectively. Univariate frequencies and frequency percentages displayed in each section are from the corresponding data set. For example, frequencies for the vehicle variables (101-180) are derived from FARS09VH.

2009 FARS DATA SETS
Version 02Sep10

Data Set	KEY	Variables	Cases
Accident	FARS09AC	1-65	30,797
Vehicle	FARS09VH	1-65, 101-180, 201-237	45,435
Occupant	FARS09OC	1-65, 101-180, 201-237, 301-348	70,845
Two Vehicle	FARS09TV	1-65, 101-180, 201-237, 301-348, 1001-1080, 2001-2037, 3001-3048	10,147
NonMotorist	FARS09NM	1-65, 101-180, 201-237, 301-348, 401-448	5,464

Nonmotorist records which include occupants of not-in-transport motor vehicles (parked or working vehicles) are documented in the NonMotorist data set. The vehicle variables in this data set contain information on the vehicle in the accident that was associated with striking the nonmotorist. The driver and occupant variables describe the driver of the associated vehicle and the occupant information for the driver. If a vehicle is not identified as the striking vehicle the vehicle and driver data is coded all missing.

The two-vehicle-accident data set contains one record for every accident involving two motor vehicles in transport. These records document accident, vehicle, driver, and occupant (for the driver) information for each of the two involved vehicles. In order to avoid a large amount of duplication, the two-vehicle file is not documented directly in this codebook. Univariate frequencies are consequently not available. Variable numbers for the data set are as follows:

V1	-	V65	-	Accident
V101	-	V180	-	Vehicle Number 1
V201	-	V237	-	Driver of Vehicle #1
V301	-	V348	-	Occupant information for Driver #1
V1001	-	V1080	-	Vehicle #2
V2001	-	V2037	-	Driver of Vehicle #2
V3001	-	V3048	-	Occupant information for Driver #2

The codebook may be used for the definition of variables V1 through V348. Variables V1001 - V1080 have the same definition as V101 - V180, variables V2001 - V2037 have the same definition as V201 - V237, and variables V3001 - V3048 have the same definition as V301 - V348.

While every effort has been made to provide accurate, reliable data, inconsistencies may arise from the source data or from the reformatting procedures used. Consequently, the Data Center cannot guarantee the accuracy of the data but will try to correct any discrepancies that are found. Please notify the Center of any errors or data inconsistencies that are uncovered as well as any suggestions or comments that you may have concerning the codebook by calling (734) 763-3230 or by emailing TDC-UMTRI@umich.edu.

For PDF versions of our codebooks and more information about our full line of services, please visit our website:
<http://www.umtri.umich.edu/tdc/>.

FATALITY ANALYSIS REPORTING SYSTEM
2009 - Accident

Variable Number	Variable Name	Width	Storage Type	Page Number
1	CASE STATE	2	Numeric	1
2	CASE NUMBER	4	Numeric	2
3	SEQUENCE NUMBER	1	Numeric	2
4	VEHICLE NUMBER	2	Numeric	2
5	RECORD TYPE	1	Numeric	3
6	PERSON NUMBER	2	Numeric	3
7	CITY	4	Numeric	3
8	COUNTY	3	Numeric	3
9	CRASH DATE - MONTH	2	Numeric	4
10	CRASH DATE - DAY	2	Numeric	4
11	CRASH DATE - YEAR	4	Numeric	4
12	CRASH TIME - HOUR	2	Numeric	4
13	CRASH TIME - MINUTE	2	Numeric	5
14	NUMBER OF VEHICLE FORMS	2	Numeric	5
15	TOTAL # OF VEHICLE FORMS	2	Numeric	6
16	NUMBER OF PERSON FORMS	2	Numeric	6
17	NUMBER OF PED/BIKE FORMS	2	Numeric	6
18	NATIONAL HIGHWAY SYSTEM	1	Numeric	7
19	ROADWAY FUNCTION CLASS	2	Numeric	7
20	ROUTE SIGNING	1	Numeric	7
21	TRAFFICWAY IDENTIFIER #1	20	Alphabetic	8
22	TRAFFICWAY IDENTIFIER #2	20	Alphabetic	8
23	MILEPOINT	5	Numeric	8
24	SPECIAL JURISDICTION	1	Numeric	9
25	FIRST HARMFUL EVENT	2	Numeric	9
26	MANNER OF COLLISION	2	Numeric	12
27	RELATION TO JUNCTION	2	Numeric	12
28	RELATION TO TRAFFICWAY	2	Numeric	13
29	TRAFFICWAY FLOW	1	Numeric	13
30	NUMBER OF TRAVEL LANES	1	Numeric	14
31	SPEED LIMIT	2	Numeric	14
32	ROADWAY ALIGNMENT	1	Numeric	15
33	ROADWAY PROFILE	1	Numeric	15
34	ROADWAY SURFACE TYPE	1	Numeric	15
35	ROADWAY SURFACE CONDITION	1	Numeric	16
36	TRAFFIC CONTROL DEVICE	2	Numeric	16
37	TRAFFIC CONT FUNCTIONING	1	Numeric	17
38	HIT-AND-RUN	1	Numeric	18
39	LIGHT CONDITION	1	Numeric	18
40	ATMOSPHERIC CONDITION #1	1	Numeric	18
41	ATMOSPHERIC CONDITION #2	1	Numeric	19
42	WORK ZONE	1	Numeric	19
43	EMS NOTIFIED - HOUR	2	Numeric	19
44	EMS NOTIFIED - MINUTE	2	Numeric	20
45	EMS ARRIVAL - HOUR	2	Numeric	20
46	EMS ARRIVAL - MINUTE	2	Numeric	20
47	EMS HOSPITAL - HOUR	2	Numeric	21
48	EMS HOSPITAL - MINUTE	2	Numeric	21
49	SCHOOL BUS RELATED	1	Numeric	21
50	CRASH RELATED FACTORS #1	2	Numeric	21

FATALITY ANALYSIS REPORTING SYSTEM
2009 - Accident

Variable Number	Variable Name	Width	Storage Type	Page Number
51	CRASH RELATED FACTORS #2	2	Numeric	22
52	CRASH RELATED FACTORS #3	2	Numeric	23
53	RAIL GRADE CROSSING ID	7	Alphabetic	24
54	LATITUDE	11	Alphabetic	24
55	LONGITUDE	12	Alphabetic	25
56	NUM FATALITIES IN CRASH	2	Numeric	25
57	DAY OF WEEK	1	Numeric	25
58	NUMBER DRINKING DRIVERS	2	Numeric	26
59	ACCIDENT DATE - JULIAN	5	Numeric	26
60	NUMBER UNINJ IN CRASH	2	Numeric	26
61	NUMBER C-INJ IN CRASH	2	Numeric	26
62	NUMBER B-INJ IN CRASH	2	Numeric	27
63	NUMBER A-INJ IN CRASH	2	Numeric	27
64	NUMBER K-INJ IN CRASH	2	Numeric	27
65	NUM UNK INJ IN CRASH	2	Numeric	28

FATALITY ANALYSIS REPORTING SYSTEM
2009 - Vehicle

Variable Number	Variable Name	Width	Storage Type	Page Number
101	CASE STATE	2	Numeric	29
102	CASE NUMBER	4	Numeric	29
103	SEQUENCE NUMBER	1	Numeric	29
104	VEHICLE NUMBER	2	Numeric	29
105	RECORD TYPE	1	Numeric	30
106	UNIT TYPE	2	Numeric	30
107	NUMBER OF OCCUPANTS	2	Numeric	30
108	VEHICLE MAKE	2	Numeric	30
109	VEHICLE MAKE-MODEL	5	Numeric	32
110	BODY TYPE	2	Numeric	64
111	MODEL YEAR	4	Numeric	67
112	VIN	12	Alphabetic	67
113	VIN - LETTER #1	1	Alphabetic	67
114	VIN - LETTER #2	1	Alphabetic	68
115	VIN - LETTER #3	1	Alphabetic	68
116	VIN - LETTER #4	1	Alphabetic	68
117	VIN - LETTER #5	1	Alphabetic	68
118	VIN - LETTER #6	1	Alphabetic	68
119	VIN - LETTER #7	1	Alphabetic	68
120	VIN - LETTER #8	1	Alphabetic	69
121	VIN - LETTER #9	1	Alphabetic	69
122	VIN - LETTER #10	1	Alphabetic	69
123	REGISTRATION STATE	2	Numeric	69
124	REGISTERED VEHICLE OWNER	1	Numeric	71
125	ROLLOVER TRIPPED	1	Numeric	71
126	ROLLOVER LOCATION	2	Numeric	71
127	JACKKNIFE	1	Numeric	72
128	TRAVEL SPEED	3	Numeric	72
129	VEHICLE TRAILING	1	Numeric	72
130	VEHICLE CONFIGURATION	2	Numeric	73
131	NUMBER OF AXLES	2	Numeric	73
132	CARGO BODY TYPE	2	Numeric	73
133	SPECIAL USE	1	Numeric	74
134	EMERGENCY USE	1	Numeric	74
135	IMPACT POINT - INITIAL	2	Numeric	75
136	IMPACT POINT - PRINCIPAL	2	Numeric	75
137	UNDERRIDE/OVERRIDE	1	Numeric	76
138	EXTENT OF DAMAGE	1	Numeric	76
139	VEHICLE ROLE	1	Numeric	77
140	VEHICLE REMOVAL	1	Numeric	77
141	FIRE OCCURRENCE	1	Numeric	77
142	VEH RELATED FACTORS #1	2	Numeric	78
143	VEH RELATED FACTORS #2	2	Numeric	79
144	EVENT #1	2	Numeric	80
145	EVENT #2	2	Numeric	83
146	EVENT #3	2	Numeric	84
147	EVENT #4	2	Numeric	86
148	EVENT #5	2	Numeric	88
149	EVENT #6	2	Numeric	89
150	VEHICLE MANEUVER	2	Numeric	91

FATALITY ANALYSIS REPORTING SYSTEM
2009 - Vehicle

Variable Number	Variable Name	Width	Storage Type	Page Number
151	CRASH AVOIDANCE MANEUVER	1	Numeric	91
152	MOST HARMFUL EVENT	2	Numeric	92
153	SPEED RELATED	1	Numeric	95
154	HAZ MATERIAL CLASS NUM	2	Numeric	95
155	HAZ MATERIAL ID	5	Numeric	95
156	HAZ MATERIAL INVOLVED	1	Numeric	96
157	HAZ MATERIAL PLACARD	1	Numeric	96
158	HAZ MATERIAL RELEASE	2	Numeric	96
159	MOTOR CARRIER STATE	2	Numeric	96
160	MOTOR CARRIER ID NUMBER	9	Alphabetic	98
161	MOTOR CARRIER ID NUMBER	11	Alphabetic	99
162	BUS USE	1	Numeric	99
163	GROSS WEIGHT RATING-GVWR	1	Numeric	99
164	NUMBER OF DEATHS IN VEH	2	Numeric	100
165	VIN AUTO MODEL	3	Alphabetic	100
166	VIN BODY TYPE	2	Alphabetic	100
167	VIN AUTO WEIGHT	4	Numeric	100
168	VIN AUTO WHEELBASE SHORT	4	Numeric	101
169	VIN AUTO WHEELBASE LONG	4	Numeric	101
170	VIN TRUCK FUEL CODE	1	Numeric	101
171	VIN TRUCK WEIGHT CODE	1	Numeric	102
172	VIN TRUCK SERIES	3	Alphabetic	102
173	VIN MOTORCYCLE DSPLACMNT	4	Numeric	102
174	LENGTH OF VIN	2	Numeric	102
175	NUMBER UNINJURED IN VEH	2	Numeric	103
176	NUMBER C-INJURED IN VEH	2	Numeric	103
177	NUMBER B-INJURED IN VEH	2	Numeric	103
178	NUMBER A-INJURED IN VEH	2	Numeric	104
179	NUMBER K-INJURED IN VEH	2	Numeric	104
180	NUM UNK INJURED IN VEH	2	Numeric	104

FATALITY ANALYSIS REPORTING SYSTEM
2009 - Driver

Variable Number	Variable Name	Width	Storage Type	Page Number
201	CASE STATE	2	Numeric	105
202	CASE NUMBER	4	Numeric	105
203	SEQUENCE NUMBER	1	Numeric	105
204	VEHICLE NUMBER	2	Numeric	105
205	RECORD TYPE	1	Numeric	106
206	PERSON NUMBER	2	Numeric	106
207	DRIVER PRESENCE	1	Numeric	106
208	DRIVER DRINKING	1	Numeric	106
209	DRIVER'S LICENSE STATE	2	Numeric	106
210	NON-CDL LICENSE TYPE	1	Numeric	108
211	NON-CDL LICENSE STATUS	1	Numeric	108
212	CDL LICENSE STATUS	1	Numeric	109
213	LICENSE ENDORSEMENTS	1	Numeric	109
214	LICENSE CLASS COMPLIANCE	1	Numeric	109
215	LICENSE RESTRICTIONS MET	1	Numeric	110
216	VIOLATIONS CHARGED #1	2	Numeric	110
217	VIOLATIONS CHARGED #2	2	Numeric	112
218	VIOLATIONS CHARGED #3	2	Numeric	115
219	NUMBER OF PREV CRASHES	2	Numeric	117
220	NUMBER PREV SUSPENSIONS	2	Numeric	117
221	NUMBER OF PREV DWI CONV	2	Numeric	118
222	NUM PREV SPEEDING CONV	2	Numeric	118
223	NUM PREV OTHER MV CONV	2	Numeric	119
224	LAST CRASH - MONTH	2	Numeric	119
225	LAST CRASH - YEAR	4	Numeric	119
226	FIRST CRASH - MONTH	2	Numeric	120
227	FIRST CRASH - YEAR	4	Numeric	120
228	DRIVER'S ZIP CODE	5	Numeric	121
229	DRIVER RELATED FACTORS#1	2	Numeric	121
230	DRIVER RELATED FACTORS#2	2	Numeric	125
231	DRIVER RELATED FACTORS#3	2	Numeric	127
232	DRIVER RELATED FACTORS#4	2	Numeric	129
233	DRIVER VISION OBSCURED1	2	Numeric	131
234	DRIVER VISION OBSCURED2	2	Numeric	132
235	DRIVER VISION OBSCURED3	2	Numeric	133
236	DRIVER WEIGHT	3	Numeric	133
237	DRIVER HEIGHT - INCHES	3	Numeric	134

FATALITY ANALYSIS REPORTING SYSTEM
2009 - Occupant

Variable Number	Variable Name	Width	Storage Type	Page Number
301	CASE STATE	2	Numeric	135
302	CASE NUMBER	4	Numeric	135
303	SEQUENCE NUMBER	1	Numeric	135
304	VEHICLE NUMBER	2	Numeric	135
305	RECORD TYPE	1	Numeric	136
306	OCCUPANT NUMBER	2	Numeric	136
307	FILLER 01	2	Numeric	136
308	OCCUPANT AGE	3	Numeric	136
309	OCCUPANT SEX	1	Numeric	137
310	OCCUPANT TYPE	2	Numeric	137
311	OCC SEATING POSITION	2	Numeric	137
312	PROTECTION SYSTEM USE	2	Numeric	138
313	AIR BAG DEPLOYED	2	Numeric	138
314	OCCUPANT EJECTION	1	Numeric	139
315	EJECTION PATH	1	Numeric	139
316	OCCUPANT EXTRICATION	1	Numeric	139
317	FILLER 02	2	Numeric	140
318	OCC ALCOHOL INVOLVEMENT	1	Numeric	140
319	OCC METHOD ALC DETERMIN	1	Numeric	140
320	ALCOHOL TEST STATUS	1	Numeric	141
321	ALCOHOL TEST TYPE	2	Numeric	141
322	OCC ALCOHOL TEST RESULT	2	Numeric	141
323	DRUG INVOLVEMENT	1	Numeric	142
324	DRUG DETERMINATION	1	Numeric	142
325	DRUG TEST STATUS	1	Numeric	142
326	DRUG TEST TYPE #1	1	Numeric	142
327	DRUG TEST RESULTS #1	3	Numeric	143
328	DRUG TEST TYPE #2	1	Numeric	144
329	DRUG TEST RESULTS #2	3	Numeric	144
330	DRUG TEST TYPE #3	1	Numeric	145
331	DRUG TEST RESULTS #3	3	Numeric	145
332	OCCUPANT INJURY SEVERITY	1	Numeric	146
333	OCC TAKEN TO HOSPITAL BY	1	Numeric	147
334	DIED AT SCENE / EN ROUTE	1	Numeric	147
335	OCC DEATH DATE - MONTH	2	Numeric	147
336	OCC DEATH DATE - DAY	2	Numeric	148
337	OCC DEATH DATE - YEAR	4	Numeric	148
338	OCC DEATH TIME - HOURS	2	Numeric	148
339	OCC DEATH TIME - MINUTES	2	Numeric	149
340	LAG TIME ACC/DEATH - HRS	3	Numeric	149
341	LAG TIME ACC/DEATH - MIN	2	Numeric	150
342	OCC RELATED FACTORS #1	2	Numeric	150
343	OCC RELATED FACTORS #2	2	Numeric	152
344	OCC RELATED FACTORS #3	2	Numeric	155
345	OCC DEATH CERTIFICATE	12	Alphabetic	158
346	OCC FATAL INJURY AT WORK	1	Numeric	158
347	RACE	2	Numeric	158
348	HISPANIC ORIGIN	2	Numeric	159

FATALITY ANALYSIS REPORTING SYSTEM
2009 - Nonmotorist

Variable Number	Variable Name	Width	Storage Type	Page Number
401	CASE STATE	2	Numeric	161
402	CASE NUMBER	4	Numeric	161
403	SEQUENCE NUMBER	1	Numeric	161
404	VEHICLE NUMBER	2	Numeric	161
405	RECORD TYPE	1	Numeric	162
406	NONMOTORIST NUMBER	2	Numeric	162
407	STRIKING VEHICLE NUMBER	2	Numeric	162
408	NONMOTORIST AGE	3	Numeric	163
409	NONMOTORIST SEX	1	Numeric	163
410	NONMOTORIST TYPE	2	Numeric	163
411	NMT SEATING POSITION	2	Numeric	164
412	NMT PROTECTIONSYSTEM USE	2	Numeric	164
413	NONMOTORIST AIR BAG	2	Numeric	165
414	NONMOTORIST EJECTION	1	Numeric	165
415	NMT EJECTION PATH	1	Numeric	165
416	NONMOTORIST EXTRICATION	1	Numeric	166
417	NONMOTORIST LOCATION	2	Numeric	166
418	NMTR ALCOHOL INVOLVEMENT	1	Numeric	167
419	NMTR METH ALC DETERMINAT	1	Numeric	167
420	ALCOHOL TEST STATUS	1	Numeric	167
421	NMTR ALC TEST TYPE	2	Numeric	167
422	NMTR ALCOHOL TEST RESULT	2	Numeric	168
423	DRUG INVOLVEMENT	1	Numeric	168
424	DRUG DETERMINATION	1	Numeric	169
425	DRUG TEST STATUS	1	Numeric	169
426	DRUG TEST TYPE #1	1	Numeric	169
427	DRUG TEST RESULTS #1	3	Numeric	169
428	DRUG TEST TYPE #2	1	Numeric	170
429	DRUG TEST RESULTS #2	3	Numeric	171
430	DRUG TEST TYPE #3	1	Numeric	172
431	DRUG TEST RESULTS #3	3	Numeric	172
432	NMTR INJURY SEVERITY	1	Numeric	173
433	NMT TAKEN TO HOSPITAL BY	1	Numeric	173
434	DIED AT SCENE / EN ROUTE	1	Numeric	174
435	NMTR DEATH DATE - MONTH	2	Numeric	174
436	NMTR DEATH DATE - DAY	2	Numeric	175
437	NMTR DEATH DATE - YEAR	4	Numeric	175
438	NMTR DEATH TIME - HOURS	2	Numeric	175
439	NMTR DEATH TIME - MINUTE	2	Numeric	176
440	LAG TIME ACC/DEATH - HRS	3	Numeric	176
441	LAG TIME ACC/DEATH - MIN	2	Numeric	176
442	NMTR RELATED FACTORS #1	2	Numeric	177
443	NMTR RELATED FACTORS #2	2	Numeric	179
444	NMTR RELATED FACTORS #3	2	Numeric	181
445	NMTR DEATH CERTIFICATE	12	Alphabetic	184
446	NMTR FATAL INJ AT WORK	1	Numeric	184
447	RACE	2	Numeric	184
448	HISPANIC ORIGIN	2	Numeric	185

FATALITY ANALYSIS REPORTING SYSTEM
2009 - Accident

Page 1

The ACCIDENT Variables

Variables 1 through 65 describe the crash. They are included in the Accident, Vehicle, Occupant and Nonmotorist data sets. The Accident data set includes these variables and no others.

Variable 1	CASE STATE	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - STATE

02Sep10 Prcnt Code Value and Description

774	2.5	1	Alabama
59	0.2	2	Alaska
710	2.3	4	Arizona
523	1.7	5	Arkansas
2816	9.1	6	California
437	1.4	8	Colorado
210	0.7	9	Connecticut
101	0.3	10	Delaware
28	0.1	11	District of Columbia
2369	7.7	12	Florida
1172	3.8	13	Georgia
99	0.3	15	Hawaii
199	0.6	16	Idaho
832	2.7	17	Illinois
632	2.1	18	Indiana
339	1.1	19	Iowa
348	1.1	20	Kansas
730	2.4	21	Kentucky
726	2.4	22	Louisiana
153	0.5	23	Maine
513	1.7	24	Maryland
308	1.0	25	Massachusetts
806	2.6	26	Michigan
371	1.2	27	Minnesota
631	2.0	28	Mississippi
786	2.6	29	Missouri
198	0.6	30	Montana
205	0.7	31	Nebraska
223	0.7	32	Nevada
97	0.3	33	New Hampshire
549	1.8	34	New Jersey
319	1.0	35	New Mexico
1067	3.5	36	New York
1208	3.9	37	North Carolina
116	0.4	38	North Dakota
944	3.1	39	Ohio
647	2.1	40	Oklahoma
331	1.1	41	Oregon
1143	3.7	42	Pennsylvania

FATALITY ANALYSIS REPORTING SYSTEM
2009 - Accident

Variable 1: CASE STATE (Continued)

02Sep10 Prcnt Code Value and Description

0	0.0	43	Puerto Rico
76	0.2	44	Rhode Island
817	2.7	45	South Carolina
112	0.4	46	South Dakota
918	3.0	47	Tennessee
2776	9.0	48	Texas
217	0.7	49	Utah
69	0.2	50	Vermont
695	2.3	51	Virginia
0	0.0	52	Virgin Islands
453	1.5	53	Washington
324	1.1	54	West Virginia
505	1.6	55	Wisconsin
116	0.4	56	Wyoming

Variable 2	CASE NUMBER	Width: 4	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - ST_CASE

Case Number Assigned within States

02Sep10 Prcnt Code Value and Description

51	0.2	1	
		-	Case number
0	0.0	9999	

Variable 3	SEQUENCE NUMBER	Width: 1	Type: Numeric
		Dec: None	Miss: None

02Sep10 Prcnt Code Value and Description

30797	100.0	0	Sequence number 0

Variable 4	VEHICLE NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - VEH_NO

02Sep10 Prcnt Code Value and Description

30797	100.0	0	No vehicle number for this record type

FATALITY ANALYSIS REPORTING SYSTEM
2009 - Accident

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Variable 5	RECORD TYPE	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - LEVEL

02Sep10 Prcnt	Code Value and Description
30797 100.0	1 Accident Record

Variable 6	PERSON NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - PER_NO

02Sep10 Prcnt	Code Value and Description
30797 100.0	0 No person number for this record type

Variable 7	CITY	Width: 4	Type: Numeric
		Dec: None	Miss: 9999

NHTSA SAS Variable - CITY

City - GSA Geographic Location Code

02Sep10 Prcnt	Code Value and Description
17000 55.2	0 Not applicable
3 0.0	1
	- GSA code
2 0.0	9800
107 0.3	9997 Other
32 0.1	9999 Unknown

Variable 8	COUNTY	Width: 3	Type: Numeric
		Dec: None	Miss: 999

NHTSA SAS Variable - COUNTY

County - GSA Geographic Location Code

02Sep10 Prcnt	Code Value and Description
0 0.0	0 Not applicable
630 2.0	1
	- GSA code
2 0.0	840
0 0.0	997 Other
1 0.0	999 Unknown

FATALITY ANALYSIS REPORTING SYSTEM
2009 - Accident

Variable 9	CRASH DATE - MONTH	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - MONTH

02Sep10	Prcnt	Code	Value and Description
2374	7.7	1	January
2164	7.0	2	February
2344	7.6	3	March
2590	8.4	4	April
2772	9.0	5	May
2755	8.9	6	June
2783	9.0	7	July
2864	9.3	8	August
2646	8.6	9	September
2617	8.5	10	October
2501	8.1	11	November
2387	7.8	12	December

Variable 10	CRASH DATE - DAY	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - DAY

02Sep10	Prcnt	Code	Value and Description
1095	3.6	1	
		-	Day of month
569	1.8	31	

Variable 11	CRASH DATE - YEAR	Width: 4	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - YEAR

02Sep10	Prcnt	Code	Value and Description
30797	100.0	2009	2009

Variable 12	CRASH TIME - HOUR	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - HOUR

02Sep10	Prcnt	Code	Value and Description
1296	4.2	0	12:00 am - 12:59 am
1240	4.0	1	1:00 am - 1:59 am
1421	4.6	2	2:00 am - 2:59 am

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Variable 12: CRASH TIME - HOUR (Continued)

02Sep10	Prcnt	Code	Value and Description
1000	3.2	3	3:00 am - 3:59 am
756	2.5	4	4:00 am - 4:59 am
831	2.7	5	5:00 am - 5:59 am
1015	3.3	6	6:00 am - 6:59 am
903	2.9	7	7:00 am - 7:59 am
880	2.9	8	8:00 am - 8:59 am
874	2.8	9	9:00 am - 9:59 am
961	3.1	10	10:00 am - 10:59 am
1099	3.6	11	11:00 am - 11:59 am
1173	3.8	12	12:00 pm - 12:59 pm
1310	4.3	13	1:00 pm - 1:59 pm
1498	4.9	14	2:00 pm - 2:59 pm
1575	5.1	15	3:00 pm - 3:59 pm
1595	5.2	16	4:00 pm - 4:59 pm
1774	5.8	17	5:00 pm - 5:59 pm
1737	5.6	18	6:00 pm - 6:59 pm
1673	5.4	19	7:00 pm - 7:59 pm
1578	5.1	20	8:00 pm - 8:59 pm
1595	5.2	21	9:00 pm - 9:59 pm
1464	4.8	22	10:00 pm - 10:59 pm
1300	4.2	23	11:00 pm - 11:59 pm
249	0.8	99	Unknown

Variable 13	CRASH TIME - MINUTE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - MINUTE

02Sep10	Prcnt	Code	Value and Description
1774	5.8	0	- Minute
325	1.1	59	
249	0.8	99	Unknown

Variable 14	NUMBER OF VEHICLE FORMS	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - VE_FORMS

Number of Motor Vehicles In-Transport Involved in the Crash

02Sep10	Prcnt	Code	Value and Description
18745	60.9	1	- Number submitted
1	0.0	29	

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<u>Variable 15</u>	<u>TOTAL # OF VEHICLE FORMS</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - VE_TOTAL

Number of Motor Vehicles Involved in the Crash including
Not-In-Transport Vehicles

02Sep10	Prcnt		Code	Value and Description

18115	58.8	1	-	Number submitted
1	0.0	30		

<u>Variable 16</u>	<u>NUMBER OF PERSON FORMS</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - PERSONS

Number of Persons Involved in the Crash

Does not include uninjured bus passengers and uninjured railway
train occupants

02Sep10	Prcnt		Code	Value and Description

9156	29.7	1	-	Number submitted
1	0.0	51		

<u>Variable 17</u>	<u>NUMBER OF PED/BIKE FORMS</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - PEDS

Number of Pedestrian/Bicyclist Forms Submitted

Includes pedestrians and bicyclists but not occupants of a motor
vehicle not-in-transport

02Sep10	Prcnt		Code	Value and Description

25958	84.3	0		No nonmotorist form submitted
4520	14.7	1		
		-		Number submitted
1	0.0	8		

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<u>Variable 18</u>	<u>NATIONAL HIGHWAY SYSTEM</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - NHS

National Highway System (NHS) includes the entire Interstate System, and consists of principal arterial system routes and some Strategic Highway Network connectors functionally classified below principal arterial.

02Sep10	Prcnt	Code	Value and Description
21334	69.3	0	This section is not on the NHS
9271	30.1	1	This section is on the NHS
192	0.6	9	Unknown if this section is on the NHS

<u>Variable 19</u>	<u>ROADWAY FUNCTION CLASS</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - ROAD_FNC

02Sep10	Prcnt	Code	Value and Description
Rural			
1773	5.8	1	Principal arterial - interstate
4030	13.1	2	Principal arterial - other
2608	8.5	3	Minor arterial
4114	13.4	4	Major collector
1232	4.0	5	Minor collector
3362	10.9	6	Local road or street
126	0.4	9	Unknown rural
Urban			
1825	5.9	11	Principal arterial - interstate
1197	3.9	12	Principal arterial - other freeways or expressways
3697	12.0	13	Other principal arterial
2616	8.5	14	Minor arterial
1070	3.5	15	Collector
2903	9.4	16	Local road or street
42	0.1	19	Unknown urban
202	0.7	99	Unknown

<u>Variable 20</u>	<u>ROUTE SIGNING</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - ROUTE

02Sep10	Prcnt	Code	Value and Description
3492	11.3	1	Interstate
4743	15.4	2	U.S. highway

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Variable 24	SPECIAL JURISDICTION	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - SP_JUR

02Sep10	Prcnt	Code	Value and Description
30498	99.0	0	No special jurisdiction (includes National Forests)
36	0.1	1	National Park Service
10	0.0	2	Military
240	0.8	3	American Indian reservation
4	0.0	4	College/University campus
0	0.0	5	Other Federal properties
5	0.0	8	Other (includes state parks)
4	0.0	9	Unknown

Variable 25	FIRST HARMFUL EVENT	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - HARM_EV

First Event Causing Injury or Property Damage

02Sep10	Prcnt	Code	Value and Description
3282	10.7	1	Overturn/rollover
6	0.0	2	Fire/explosion
36	0.1	3	Immersion
0	0.0	4	Gas inhalation
200	0.6	5	Fell/jumped from vehicle
3	0.0	6	Injured in vehicle (other than cargo/equipment loss or shift)
79	0.3	7	Other noncollision
3803	12.3	8	Pedestrian
626	2.0	9	Pedalcycle
122	0.4	10	Railway train
173	0.6	11	Live animal
10991	35.7	12	Motor vehicle in-transport on same roadway
199	0.6	13	Motor vehicle in-transport on different roadway
335	1.1	14	Parked motor vehicle or motor vehicle stopped off roadway
101	0.3	15	Nonmotorist on personal conveyance
22	0.1	16	Thrown or falling object
69	0.2	17	Boulder
146	0.5	18	Other object (not fixed)
66	0.2	19	Building
24	0.1	20	Impact attenuator/crash cushion
96	0.3	21	Bridge pier or abutment
21	0.1	22	Bridge parapet end
99	0.3	23	Bridge rail
755	2.5	24	Guardrail face
279	0.9	25	Concrete traffic barrier
53	0.2	26	Other traffic barrier
444	1.4	27	Highway/traffic sign post/sign
15	0.0	28	Overhead sign support/sign

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Variable 25: FIRST HARMFUL EVENT (Continued)

02Sep10	Prcnt	Code	Value and Description
90	0.3	29	Luminaire/light support
738	2.4	30	Utility pole
218	0.7	31	Other post, other pole or other supports
457	1.5	32	Culvert
902	2.9	33	Curb
1129	3.7	34	Ditch
486	1.6	35	Embankment - earth
105	0.3	36	Embankment - rock, stone or concrete
427	1.4	37	Embankment - material type unknown
448	1.5	38	Fence
129	0.4	39	Wall
28	0.1	40	Fire hydrant
40	0.1	41	Shrubbery
2657	8.6	42	Tree (standing tree only)
258	0.8	43	Other fixed object
11	0.0	44	Pavement surface irregularity (pothole, grooved, grates)
18	0.1	45	Working motor vehicle (construction, maintenance or utility vehicles only)
52	0.2	46	Traffic signal support/signal
14	0.0	47	Vehicle occupant struck or run over by own vehicle
13	0.0	48	Snow bank
14	0.0	49	Ridden animal or animal-drawn conveyance
8	0.0	50	Bridge overhead structure
5	0.0	51	Jackknife (causing injury or damage)
145	0.5	52	Guardrail end
276	0.9	53	Mail box
19	0.1	54	Motor vehicle in-transport strikes or is struck by cargo, persons or objects set-in-motion from/by another motor vehicle in-transport
0	0.0	55	Motor vehicle in motion outside the trafficway
28	0.1	57	Cable barrier
8	0.0	60	Cargo/equipment loss or shift (causing injury or damage)
29	0.1	99	Unknown

The following list shows the code values given above grouped by collision type.

Noncollision Event

- 1 Overturn/rollover
- 2 Fire/explosion
- 3 Immersion
- 4 Gas inhalation
- 5 Fell/jumped from vehicle
- 6 Injured in vehicle (other than cargo/equipment loss or shift)
- 16 Thrown or falling object
- 44 Pavement surface irregularity (pothole, grooved, grates)
- 47 Vehicle occupant struck or run over by own vehicle
- 51 Jackknife (causing injury or damage)
- 60 Cargo/equipment loss or shift (causing injury or damage)
- 7 Other noncollision

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Variable 25:FIRST HARMFUL EVENT (Continued)

02Sep10 Prcnt Code Value and Description

Collision With Motor Vehicle

Collision Involving Motor Vehicle In-Transport

- 12 Motor vehicle in-transport
- 13 Motor vehicle in-transport in different roadway
- 54 Motor vehicle in-transport strikes or is struck by cargo, persons or objects set-in-motion from/by another motor vehicle in-transport

Collision Involving Motor Vehicle NOT In-Transport

- 14 Parked motor vehicle or motor vehicle stopped off roadway
- 45 Working motor vehicle (construction, maintenance or utility vehicles only)
- 55 Motor vehicle in motion outside the trafficway

Collision With Object Not Fixed

- 8 Pedestrian
- 15 Nonmotorist on personal conveyance
- 9 Pedalcycle
- 10 Railway train
- 11 Live animal
- 49 Ridden animal or animal-drawn conveyance
- 18 Other object (not fixed)

Collision With Fixed Object

- 17 Boulder
- 19 Building
- 20 Impact attenuator/crash cushion
- 21 Bridge pier or abutment
- 22 Bridge parapet end
- 50 Bridge overhead structure
- 23 Bridge rail
- 24 Guardrail face
- 52 Guardrail end
- 25 Concrete traffic barrier
- 57 Cable barrier
- 26 Other traffic barrier
- 27 Highway/traffic sign post/sign
- 28 Overhead sign support/sign
- 29 Luminaire/light support
- 30 Utility pole
- 31 Other post, other pole or other supports
- 32 Culvert
- 33 Curb
- 34 Ditch
- 35 Embankment - earth
- 36 Embankment - rock, stone or concrete
- 37 Embankment - material type unknown
- 38 Fence
- 39 Wall
- 40 Fire hydrant

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Variable 25: FIRST HARMFUL EVENT (Continued)

02Sep10	Prcnt	Code	Value and Description
		41	Shrubbery
		42	Tree (standing tree only)
		43	Other fixed object
		46	Traffic signal support/signal
		48	Collision with snow bank
		53	Mail box
		43	Other fixed object

Variable 26	MANNER OF COLLISION	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - MAN_COLL

02Sep10	Prcnt	Code	Value and Description
19210	62.4	0	Not a collision with a motor vehicle
1851	6.0	1	Front-to-rear (includes rear-end)
3030	9.8	2	Front-to-front (includes head-on)
338	1.1	3	Angle - front-to-side, same direction
1426	4.6	4	Angle - front-to-side, opposite direction
3799	12.3	5	Angle - front-to-side, right angle (includes broadside)
146	0.5	6	Angle - front-to-side / angle - direction not specified
439	1.4	7	Sideswipe - same direction
367	1.2	8	Sideswipe - opposite direction
57	0.2	9	Rear-to-side
1	0.0	10	Rear-to-rear
64	0.2	11	Other (end-swipes and others)
69	0.2	99	Unknown

Variable 27	RELATION TO JUNCTION	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - REL_JUNC

02Sep10	Prcnt	Code	Value and Description
			Non-interchange
22286	72.4	1	Nonjunction
5343	17.3	2	Intersection
1164	3.8	3	Intersection related
303	1.0	4	Driveway, alley access, etc.
167	0.5	5	Entrance/exit ramp related
139	0.5	6	Rail grade crossing
29	0.1	7	Crossover-related
407	1.3	8	Driveway access related
68	0.2	9	Unknown, non-interchange

Variable 27:RELATION TO JUNCTION (Continued)

02Sep10	Prcnt	Code	Value and Description
			Interchange area
183	0.6	10	Intersection
80	0.3	11	Intersection related
11	0.0	12	Driveway access
320	1.0	13	Entrance/exit ramp related
7	0.0	14	Crossover-related
273	0.9	15	Other location in interchange
2	0.0	19	Unknown, interchange area
15	0.0	99	Unknown

Variable 28	RELATION TO TRAFFICWAY	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - REL_ROAD

02Sep10	Prcnt	Code	Value and Description
16896	54.9	1	On roadway
2497	8.1	2	Shoulder
948	3.1	3	Median
7289	23.7	4	Roadside
1500	4.9	5	Outside trafficway / outside right-of-way
1325	4.3	6	Off roadway - location unknown
77	0.3	7	In parking lane/zone
113	0.4	8	Gore
63	0.2	10	Separator
10	0.0	11	Two-way continuous left-turn lane
79	0.3	99	Unknown

Variable 29	TRAFFICWAY FLOW	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - TRAF_FLO

A trafficway may include several roadways if it is a physically divided highway. Trafficways are not physically divided unless the divider is a median, barrier or other constructed device. Pavement markings do not qualify.

02Sep10	Prcnt	Code	Value and Description
19762	64.2	1	Not physically divided (two-way trafficway)
5854	19.0	2	Divided highway, median strip (without traffic barrier)
3225	10.5	3	Divided highway, median strip (with traffic barrier)
274	0.9	4	One-way trafficway
965	3.1	5	Not physically divided (with two-way continuous left turn lane)

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Variable 29: TRAFFICWAY FLOW (Continued)

02Sep10 Prcnt Code Value and Description

450	1.5	6	Entrance / exit ramp
267	0.9	9	Unknown

Variable 30	NUMBER OF TRAVEL LANES	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - NO_LANES

A roadway is one part of a divided trafficway or, if undivided, the same as the trafficway. It refers to the roadway on which the vehicle precipitating the crash was traveling. Only lanes open for travel are counted. Turn lanes are therefore excluded.

02Sep10 Prcnt Code Value and Description

438	1.4	1	1 lane
22964	74.6	2	2 lanes
2136	6.9	3	3 lanes
3820	12.4	4	4 lanes
461	1.5	5	5 lanes
434	1.4	6	6 lanes
125	0.4	7	7 or more lanes
419	1.4	9	Unknown

Variable 31	SPEED LIMIT	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - SP_LIMIT

02Sep10 Prcnt Code Value and Description

117	0.4	0	No statutory limit
10	0.0	5	5 mph
16	0.1	10	10 mph
64	0.2	15	15 mph
101	0.3	20	20 mph
1382	4.5	25	25 mph
1704	5.5	30	30 mph
3410	11.1	35	35 mph
2106	6.8	40	40 mph
4542	14.7	45	45 mph
1532	5.0	50	50 mph
8847	28.7	55	55 mph
1076	3.5	60	60 mph
3036	9.9	65	65 mph
1629	5.3	70	70 mph
368	1.2	75	75 mph
14	0.0	80	80 mph

Variable 31:SPEED LIMIT (Continued)

02Sep10 Prcnt Code Value and Description

1	0.0	95	95 mph
842	2.7	99	Unknown

Variable 32	ROADWAY ALIGNMENT	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - ALIGNMNT

02Sep10 Prcnt Code Value and Description

22050	71.6	1	Straight
8514	27.6	2	Curve
233	0.8	9	Unknown

Variable 33	ROADWAY PROFILE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - PROFILE

02Sep10 Prcnt Code Value and Description

21746	70.6	1	Level
7584	24.6	2	Grade
852	2.8	3	Hillcrest
103	0.3	4	Sag
512	1.7	9	Unknown

Variable 34	ROADWAY SURFACE TYPE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - PAVE_TYP

02Sep10 Prcnt Code Value and Description

2907	9.4	1	Concrete
26527	86.1	2	Blacktop, bituminous, or asphalt
20	0.1	3	Brick or block
484	1.6	4	Slag, gravel or stone
257	0.8	5	Dirt
50	0.2	8	Other
552	1.8	9	Unknown

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<u>Variable 35</u>	<u>ROADWY SURFACE CONDITION</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - SUR_COND

02Sep10	Prcnt	Code	Value and Description

25515	82.8	1	Dry
3881	12.6	2	Wet
447	1.5	3	Snow or slush
541	1.8	4	Ice / frost
85	0.3	5	Sand, dirt, mud, gravel
47	0.2	6	Water (standing or moving)
2	0.0	7	Oil
35	0.1	8	Other
244	0.8	9	Unknown

<u>Variable 36</u>	<u>TRAFFIC CONTROL DEVICE</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - TRA_CONT

02Sep10	Prcnt	Code	Value and Description

23750	77.1	0	No controls
Not At Railroad Grade Crossing			
Highway traffic signals			
112	0.4	1	Traffic control signal (on colors) without pedestrian signal
312	1.0	2	Traffic control signal (on colors) with pedestrian signal
1843	6.0	3	Traffic control signal (on colors) not known whether or not pedestrian signal
62	0.2	4	Flashing traffic control signal
35	0.1	5	Flashing beacon
6	0.0	6	Flashing highway traffic signal, type unknown or other than traffic control or beacon
1	0.0	7	Lane use control signal
25	0.1	8	Other highway traffic signal
15	0.0	9	Unknown highway traffic signal
Regulatory signs			
2450	8.0	20	Stop sign
103	0.3	21	Yield sign
1195	3.9	28	Other regulatory sign
7	0.0	29	Unknown type regulatory sign
School zone signs			
3	0.0	30	School speed limit sign
0	0.0	31	School advance or crossing sign
5	0.0	38	Other school related sign
4	0.0	39	Unknown type school zone sign

Variable 36:TRAFFIC CONTROL DEVICE (Continued)

02Sep10	Prcnt	Code	Value and Description
			Warning signs
506	1.6	40	Warning sign
20	0.1	41	Electronic warning sign
			Miscellaneous not at railroad crossing
25	0.1	50	Officer, crossing guard, flagman, etc.
			At Railroad Grade Crossing
			Active devices
48	0.2	60	Gates
19	0.1	61	Flashing lights
6	0.0	62	Traffic control signal
1	0.0	63	Wigwags
1	0.0	64	Bells
3	0.0	68	Other train activated device
5	0.0	69	Active device, type unknown
			Passive devices
33	0.1	70	Cross-bucks
10	0.0	71	Stop sign
9	0.0	72	Other railroad crossing sign
1	0.0	73	Special warning device - watchman, flagged by crew
0	0.0	78	Other passive device
0	0.0	79	Passive device, type unknown
			Miscellaneous devices at railroad crossing
5	0.0	80	Grade crossing controlled, type unknown
			Whether Or Not At Railroad Grade Crossing
72	0.2	98	Other
105	0.3	99	Unknown

Variable 37	TRAFFIC CONT FUNCTIONING	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - T_CONT_F

Traffic Control Device Functioning

02Sep10	Prcnt	Code	Value and Description
23750	77.1	0	No controls
20	0.1	1	Device not functioning
13	0.0	2	Device functioning - functioning improperly
6871	22.3	3	Device functioning properly
143	0.5	9	Unknown

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Variable 38	HIT-AND-RUN	Width: 1	Type: Numeric
		Dec: None	Miss: None

Derived from vehicle level NHTSA SAS Variable - HIT_RUN

02Sep10 Prcnt Code Value and Description

29593	96.1	0	No
1204	3.9	1	Yes

Variable 39	LIGHT CONDITION	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - LGT_COND

02Sep10 Prcnt Code Value and Description

14948	48.5	1	Daylight
8764	28.5	2	Dark, not lighted
5405	17.6	3	Dark, lighted
536	1.7	4	Dawn
686	2.2	5	Dusk
319	1.0	6	Dark, unknown lighting
4	0.0	7	Other
135	0.4	9	Unknown

Variable 40	ATMOSPHERIC CONDITION #1	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - WEATHER1

02Sep10 Prcnt Code Value and Description

0	0.0	0	No additional atmospheric condition
27124	88.1	1	Clear / cloudy (no adverse atmospheric condition)
2418	7.9	2	Rain (mist)
113	0.4	3	Sleet (hail)
468	1.5	4	Snow or blowing snow
308	1.0	5	Fog, smog, smoke
46	0.1	6	Severe crosswinds
13	0.0	7	Blowing sand, soil, dirt
34	0.1	8	Other
273	0.9	9	Unknown

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Variable 41	ATMOSPHERIC CONDITION #2	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - WEATHER2

02Sep10	Prcnt	Code	Value and Description
30618	99.4	0	No additional atmospheric conditions
105	0.3	1	Clear / cloudy (no adverse atmospheric condition)
8	0.0	2	Rain (mist)
8	0.0	3	Sleet (hail)
15	0.0	4	Snow or blowing snow
18	0.1	5	Fog, smog, smoke
18	0.1	6	Severe crosswinds
3	0.0	7	Blowing sand, soil, dirt
2	0.0	8	Other
2	0.0	9	Unknown

Variable 42	WORK ZONE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - WRK_ZONE

Note: Construction or Maintenance Zone changes to Work Zone in 2009.

Identifies accidents that occurred in a construction or maintenance zone. Use of this code does not imply that the crash was caused by the construction/maintenance activity or zone.

02Sep10	Prcnt	Code	Value and Description
30215	98.1	0	None
441	1.4	1	Construction
54	0.2	2	Maintenance
14	0.0	3	Utility
73	0.2	4	Work zone, type unknown

Variable 43	EMS NOTIFIED - HOUR	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - NOT_HOUR

02Sep10	Prcnt	Code	Value and Description
689	2.2	0	12:00 am (midnight)
704	2.3	1	Hour
746	2.4	23	
1810	5.9	88	Not applicable (not notified)
10947	35.5	99	Unknown EMS notification time

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<u>Variable 44</u>	<u>EMS NOTIFIED - MINUTE</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - NOT_MIN

02Sep10	Prcnt	Code	Value and Description
436	1.4	0	On hour
282	0.9	1	- Minute
289	0.9	59	
1810	5.9	88	Not applicable (not notified)
262	0.9	98	Unknown if notified
10695	34.7	99	Unknown EMS notification time

<u>Variable 45</u>	<u>EMS ARRIVAL - HOUR</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - ARR_HOUR

02Sep10	Prcnt	Code	Value and Description
708	2.3	0	12:00 am (midnight)
719	2.3	1	- Hour
808	2.6	23	
1810	5.9	88	Not applicable (not notified)
10345	33.6	99	Unknown EMS scene arrival time

<u>Variable 46</u>	<u>EMS ARRIVAL - MINUTE</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - ARR_MIN

02Sep10	Prcnt	Code	Value and Description
432	1.4	0	On hour
275	0.9	1	- Minute
301	1.0	59	
1810	5.9	88	Not applicable (not notified)
48	0.2	97	Officially canceled
268	0.9	98	Unknown if arrived
10825	35.1	99	Unknown EMS scene arrival time

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<u>Variable 47</u>	<u>EMS HOSPITAL - HOUR</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - HOSP_HR

02Sep10	Prcnt	Code	Value and Description
533	1.7	0	12:00 am (midnight)
284	0.9	1	- Hour
405	1.3	23	
7429	24.1	88	Not applicable (not transported)
14390	46.7	99	Unknown

<u>Variable 48</u>	<u>EMS HOSPITAL - MINUTE</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - HOSP_MN

02Sep10	Prcnt	Code	Value and Description
499	1.6	0	On hour
150	0.5	1	- Minute
151	0.5	59	
7429	24.1	88	Not applicable (not transported)
48	0.2	97	Officially canceled
9	0.0	98	Unknown if transported
14537	47.2	99	Unknown

<u>Variable 49</u>	<u>SCHOOL BUS RELATED</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - SCH_BUS

Identifies crashes in which a school bus or motor vehicle functioning as a school bus is related to the crash.

02Sep10	Prcnt	Code	Value and Description
30693	99.7	0	No
104	0.3	1	Yes

<u>Variable 50</u>	<u>CRASH RELATED FACTORS #1</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - CF1

Related Factors, Crash Level - Response #1

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Variable 50: CRASH RELATED FACTORS #1 (Continued)

02Sep10	Prcnt	Code	Value and Description
29409	95.5	0	None
10	0.0	1	Inadequate warning of exits, lanes narrowing, traffic controls, etc.
17	0.1	2	Shoulder design or condition
62	0.2	3	Other construction-created condition
61	0.2	4	No or obscured pavement marking
14	0.0	5	Surface under water
7	0.0	6	Inadequate construction or poor design of roadway, bridge, etc.
3	0.0	7	Surface washed out (caved in, road slippage)
Special circumstances (unusual factors that occurred during the crash)			
8	0.0	13	Aggressive driving / Road rage by non-contact vehicle driver
321	1.0	14	Motor vehicle struck by falling cargo, or something that came loose from, or something that was set-in-motion by a vehicle
20	0.1	15	Nonoccupant struck by falling cargo or something that came loose from, or something that was set-in-motion by a vehicle
28	0.1	16	Nonoccupant struck vehicle
3	0.0	17	Vehicle set-in-motion by nondriver
82	0.3	18	Date of crash and Date of EMS notification were not the same day
200	0.6	19	Recent previous crash scene nearby
290	0.9	20	Police pursuit involved
14	0.0	21	Within designated school zone
161	0.5	22	Speed limit is a statutory limit as recorded or was determined as this state's "basic rule"
59	0.2	23	Indication of a stalled/disabled vehicle
28	0.1	99	Unknown

Variable 51	CRASH RELATED FACTORS #2	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - CF2

Related Factors, Crash Level - Response #2

02Sep10	Prcnt	Code	Value and Description
30699	99.7	0	None
0	0.0	1	Inadequate warning of exits, lanes narrowing, traffic controls, etc.
3	0.0	2	Shoulder design or condition
1	0.0	3	Other construction-created condition

Variable 51: CRASH RELATED FACTORS #2 (Continued)

02Sep10	Prcnt	Code	Value and Description
5	0.0	4	No (or obscured) pavement marking
0	0.0	5	Surface under water
2	0.0	6	Inadequate construction or poor design of roadway, bridge, etc.
0	0.0	7	Surface washed out (caved in, road slippage)
Special circumstances (unusual factors that occurred during the crash)			
0	0.0	13	Aggressive driving/Road rage by non-contact vehicle driver
12	0.0	14	Motor vehicle struck by falling cargo, or something that came loose from, or something that was set-in-motion by a vehicle
3	0.0	15	Nonoccupant struck by falling cargo or something that came loose from, or something that was set-in-motion by a vehicle
1	0.0	16	Nonoccupant struck vehicle
2	0.0	17	Vehicle set-in-motion by nondriver
0	0.0	18	Date of crash and Date of EMS notification were not the same day
12	0.0	19	Recent previous crash scene nearby
6	0.0	20	Police pursuit involved
0	0.0	21	Within designated school zone
3	0.0	22	Speed limit is a statutory limit as recorded or was determined as this state's "basic rule"
20	0.1	23	Indication of a stalled/disabled vehicle
28	0.1	99	Unknown

Variable 52	CRASH RELATED FACTORS #3	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - CF3

Related Factors, Crash Level - Response #3

02Sep10	Prcnt	Code	Value and Description
30766	99.9	0	None
0	0.0	1	Inadequate warning of exits, lanes narrowing, traffic controls, etc.
0	0.0	2	Shoulder design or condition
0	0.0	3	Other construction-created condition
0	0.0	4	No (or obscured) pavement marking
1	0.0	5	Surface under water
0	0.0	6	Inadequate construction or poor design of roadway, bridge, etc.
0	0.0	7	Surface washed out (caved in, road slippage)

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Special circumstances (unusual factors that occurred during the crash)

0	0.0	13	Aggressive driving/Road rage by non-contact vehicle driver
0	0.0	14	Motor vehicle struck by falling cargo, or something that came loose from, or something that was set-in-motion by a vehicle
0	0.0	15	Nonoccupant struck by falling cargo or something that came loose from, or something that was set-in-motion by a vehicle
0	0.0	16	Nonoccupant struck vehicle
0	0.0	17	Vehicle set-in-motion by nondriver
0	0.0	18	Date of crash and Date of EMS notification were not the same day
0	0.0	19	Recent previous crash scene nearby
0	0.0	20	Police pursuit involved
0	0.0	21	Within designated school zone
0	0.0	22	Speed limit is a statutory limit as recorded or was determined as this state's "basic rule"
2	0.0	23	Indication of a stalled/disabled vehicle
28	0.1	99	Unknown

Variable 53	RAIL GRADE CROSSING ID	Width: 7	Type: Alphabetic
		Dec: None	Miss: None

NHTSA SAS Variable - RAIL

Rail Grade Crossing Identifier - FRA Code

02Sep10 Prcnt	Code Value and Description
	0000000 Not applicable
	000000A
	- FRA code
	999999Z
	9999999 Unknown

Variable 54	LATITUDE	Width: 11	Type: Alphabetic
		Dec: None	Miss: None

NHTSA SAS Variable - LATITUDE

The Global Position - Latitude - Decimal degrees (with implied 8 decimals)

02Sep10 Prcnt	Code Value and Description
	88888888888 Not available (if exempt from entering this data)
	99999999888 Unknown

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<u>Variable 55</u>	<u>LONGITUDE</u>	Width: 12	Type: Alphabetic
		Dec: None	Miss: None

NHTSA SAS Variable - LONGITUD

The Global Position - Longitude - Decimal degrees (with implied 8 decimals)

02Sep10	Prcnt	Code	Value and Description
		888888888888	Not available (if exempt from entering this data)
		999999999999	Unknown

<u>Variable 56</u>	<u>NUM FATALITIES IN CRASH</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - FATALS

Number fatalities in crash

02Sep10	Prcnt	Code	Value and Description
28399	92.2	1	1 killed
1958	6.4	2	2 killed
327	1.1	3	3 killed
79	0.3	4	4 killed
22	0.1	5	5 killed
7	0.0	6	6 killed
1	0.0	7	7 killed
2	0.0	8	8 killed
1	0.0	10	10 killed
1	0.0	11	11 killed

<u>Variable 57</u>	<u>DAY OF WEEK</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - DAY_WEEK

02Sep10	Prcnt	Code	Value and Description
5004	16.2	1	Sunday
3797	12.3	2	Monday
3615	11.7	3	Tuesday
3724	12.1	4	Wednesday
4004	13.0	5	Thursday
4867	15.8	6	Friday
5786	18.8	7	Saturday

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Variable 58	NUMBER DRINKING DRIVERS	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - DRUNK_DR

02Sep10	Prcnt		Code	Value and Description

20980	68.1	0	0	drivers
9516	30.9	1	1	driver
294	1.0	2	2	drivers
7	0.0	3	3	drivers

Variable 59	ACCIDENT DATE - JULIAN	Width: 5	Type: Numeric
		Dec: None	Miss: None

The julian accident date measured from March 1, 1900

02Sep10	Prcnt		Code	Value and Description

100	0.3	39754	January 1, 2009	
		-		
76	0.2	40118	December 31, 2009	

Variable 60	NUMBER UNINJ IN CRASH	Width: 2	Type: Numeric
		Dec: None	Miss: None

Number uninjured in crash

02Sep10	Prcnt		Code	Value and Description

20228	65.7	0	0	uninjured
7085	23.0	1	1	uninjured
2088	6.8	2	2	uninjured
724	2.4	3	3	uninjured
350	1.1	4	4	uninjured
162	0.5	5	5	uninjured
		-		
1	0.0	34	34	uninjured

Variable 61	NUMBER C-INJ IN CRASH	Width: 2	Type: Numeric
		Dec: None	Miss: None

Number C-injured in crash

02Sep10	Prcnt		Code	Value and Description

26918	87.4	0	0	C-injured
2736	8.9	1	1	C-injured
715	2.3	2	2	C-injured
249	0.8	3	3	C-injured

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Variable 61:NUMBER C-INJ IN CRASH (Continued)

02Sep10 Prcnt Code Value and Description

108	0.4	4	4 C-injured
39	0.1	5	5 C-injured
		-	
1	0.0	31	31 C-injured

Variable 62	NUMBER B-INJ IN CRASH	Width: 2	Type: Numeric
		Dec: None	Miss: None

Number B-injured in crash

02Sep10 Prcnt Code Value and Description

24150	78.4	0	0 B-injured
4545	14.8	1	1 B-injured
1324	4.3	2	2 B-injured
457	1.5	3	3 B-injured
200	0.6	4	4 B-injured
64	0.2	5	5 B-injured
		-	
1	0.0	37	37 B-injured

Variable 63	NUMBER A-INJ IN CRASH	Width: 2	Type: Numeric
		Dec: None	Miss: None

Number A-injured in crash

02Sep10 Prcnt Code Value and Description

24781	80.5	0	0 A-injured
4211	13.7	1	1 A-injured
1169	3.8	2	2 A-injured
403	1.3	3	3 A-injured
143	0.5	4	4 A-injured
48	0.2	5	5 A-injured
		-	
1	0.0	18	18 A-injured

Variable 64	NUMBER K-INJ IN CRASH	Width: 2	Type: Numeric
		Dec: None	Miss: None

Number K-injured in crash

02Sep10 Prcnt Code Value and Description

28399	92.2	1	1 killed
1958	6.4	2	2 killed

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Variable 64:NUMBER K-INJ IN CRASH (Continued)

02Sep10 Prcnt Code Value and Description

327	1.1	3	3 killed
79	0.3	4	4 killed
22	0.1	5	5 killed
7	0.0	6	6 killed
1	0.0	7	7 killed
2	0.0	8	8 killed
1	0.0	10	10 killed
1	0.0	11	11 killed

Variable 65	NUM UNK INJ IN CRASH	Width: 2	Type: Numeric
		Dec: None	Miss: None

Number unknown injured in crash

02Sep10 Prcnt Code Value and Description

30210	98.1	0	0 unknown injured
503	1.6	1	1 unknown injured
52	0.2	2	2 unknown injured
17	0.1	3	3 unknown injured
8	0.0	4	4 unknown injured
5	0.0	5	5 unknown injured
2	0.0	6	6 unknown injured

The VEHICLE Variables

Variables 101 through 180 describe the vehicles involved in the crash. They are included in the Vehicle, Occupant, and Nonmotorist data sets. The Vehicle data set contains these variables, along with the accident and driver variables on a vehicle level.

Variable 101	CASE STATE	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - STATE

Variable 102	CASE NUMBER	Width: 4	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - ST_CASE

Variable 103	SEQUENCE NUMBER	Width: 1	Type: Numeric
		Dec: None	Miss: None

02Sep10 Prcnt	Code Value and Description
45435 100.0	0 Sequence number 0

Variable 104	VEHICLE NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - VEH_NO

02Sep10 Prcnt	Code Value and Description
30746 67.7	1 Vehicle #1
12082 26.6	2 Vehicle #2
1817 4.0	3 Vehicle #3
456 1.0	4 Vehicle #4
136 0.3	5 Vehicle #5
	-
1 0.0	30 Vehicle #30

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Variable 105	RECORD TYPE	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - LEVEL

02Sep10 Prcnt	Code Value and Description
45435 100.0	2 Vehicle record

Variable 106	UNIT TYPE	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - UNITTYPE

02Sep10 Prcnt	Code Value and Description
45435 100.0	1 Motor vehicle in-transport (inside or outside the trafficway)

Variable 107	NUMBER OF OCCUPANTS	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - NUMOCCS

Note: Value 97 "Unknown-Only Injured Reported" dropped in 2009.
Drivers and injured passengers only are reported by some states.
The total number of occupants is unknown in those cases, and will now be coded 99 "Unknown".

02Sep10 Prcnt	Code Value and Description
129 0.3	0 0 occupants
30223 66.5	1 1 occupant
	-
1 0.0	37 37 occupants
30 0.1	99 Unknown

Variable 108	VEHICLE MAKE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - MAKE

02Sep10 Prcnt	Code Value and Description
2 0.0	1 American Motors
1076 2.4	2 Jeep
36 0.1	3 AM General
836 1.8	6 Chrysler
2929 6.4	7 Dodge
0 0.0	8 Imperial

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Variable 108:VEHICLE MAKE (Continued)

02Sep10	Prcnt	Code	Value and Description
248	0.5	9	Plymouth
14	0.0	10	Eagle
7404	16.3	12	Ford
440	1.0	13	Lincoln
650	1.4	14	Mercury
931	2.0	18	Buick
451	1.0	19	Cadillac
6891	15.2	20	Chevrolet
526	1.2	21	Oldsmobile
1183	2.6	22	Pontiac
1333	2.9	23	GMC
451	1.0	24	Saturn
1	0.0	25	Grumman
2	0.0	29	Other domestic
356	0.8	30	Volkswagen
0	0.0	31	Alfa Romeo
82	0.2	32	Audi
0	0.0	33	Austin/Healey
329	0.7	34	BMW
1704	3.8	35	Datsun/Nissan
0	0.0	36	Fiat
3014	6.6	37	Honda
188	0.4	38	Isuzu
42	0.1	39	Jaguar
0	0.0	40	Lancia
527	1.2	41	Mazda
238	0.5	42	Mercedes-Benz
2	0.0	43	MG
0	0.0	44	Peugeot
27	0.1	45	Porsche
0	0.0	46	Renault
28	0.1	47	Saab
268	0.6	48	Subaru
3014	6.6	49	Toyota
35	0.1	50	Triumph
370	0.8	51	Volvo
454	1.0	52	Mitsubishi
860	1.9	53	Suzuki
340	0.7	54	Acura
466	1.0	55	Hyundai
0	0.0	56	Merkur
0	0.0	57	Yugo
144	0.3	58	Infiniti
271	0.6	59	Lexus
2	0.0	60	Daihatsu
1	0.0	61	Sterling
52	0.1	62	Land Rover
363	0.8	63	Kia
11	0.0	64	Daewoo
4	0.0	65	Smart
22	0.0	69	Other Imports
1	0.0	70	BSA

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Variable 108:VEHICLE MAKE (Continued)

02Sep10	Prcnt	Code	Value and Description
30	0.1	71	Ducati
1570	3.5	72	Harley-Davidson
507	1.1	73	Kawasaki
2	0.0	74	Moto-Guzzi
1	0.0	75	Norton
657	1.4	76	Yamaha
11	0.0	77	Victory
0	0.0	80	Brockway
0	0.0	81	Diamond-Reo
810	1.8	82	Freightliner
1	0.0	83	FWD
581	1.3	84	International
365	0.8	85	Kenworth
264	0.6	86	Mack
408	0.9	87	Peterbilt
0	0.0	88	Iveco/Magirus
29	0.1	89	White/Autocar - White/GMC
12	0.0	90	Bluebird
0	0.0	91	Eagle Coach
25	0.1	92	Gillag
30	0.1	93	MCI
21	0.0	94	Thomas Built
767	1.7	98	Other make
725	1.6	99	Unknown

Variable 109	VEHICLE MAKE-MODEL	Width: 5	Type: Numeric
		Dec: None	Miss: 99999

NHTSA SAS Variable - MAK_MOD

02Sep10	Prcnt	Code	Value and Description
American Motors			
0	0.0	1001	Rambler/American
0	0.0	1002	Rebel/Matador/Marlin
0	0.0	1003	Ambassador
0	0.0	1004	Pacer
0	0.0	1005	AMX
1	0.0	1006	Javelin
0	0.0	1007	Hornet/Concord
0	0.0	1008	Spirit/Gremlin
0	0.0	1009	Eagle
0	0.0	1010	Eagle SX-4
1	0.0	1398	Other automobile
0	0.0	1399	Unknown automobile
Jeep			
6	0.0	2001	Compass Basic, Sport, Limited
0	0.0	2401	CJ-2/CJ-3/CJ-4
15	0.0	2402	CJ-5/CJ-6/CJ-7/CJ-8

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Variable 109:VEHICLE MAKE-MODEL (Continued)

02Sep10	Prcnt	Code	Value and Description
175	0.4	2403	YJ series/Wrangler
715	1.6	2404	Cherokee (1984 on)
118	0.3	2405	Liberty
29	0.1	2406	Commander
6	0.0	2407	Patriot Sport, Limited
0	0.0	2421	Cherokee (thru 83)
2	0.0	2431	Grand Wagoneer
1	0.0	2481	Pickup
3	0.0	2482	Comanche
1	0.0	2498	Other light truck
4	0.0	2499	Unknown light truck
1	0.0	2999	Unknown Jeep
AM General			
0	0.0	3401	Dispatcher (Post Office Jeep)
9	0.0	3402	Hummer H3
6	0.0	3421	Hummer (SUV) (from 1993-2003; see model 03431 for 2004 on)
19	0.0	3431	Hummer (SUV) (2004 on; see model 03421 for 1993-2003)
0	0.0	3466	Dispatcher DJ
1	0.0	3481	Hummer (Pickup)
0	0.0	3482	Hummer
0	0.0	3498	Other light truck
0	0.0	3499	Unknown light truck
1	0.0	3884	Med/Hvy truck
0	0.0	3898	Other med/hvy truck
0	0.0	3899	Unk med/hvy truck
0	0.0	3983	Bus rear engine, flat front
0	0.0	3988	Other bus
0	0.0	3989	Unknown bus type
0	0.0	3998	Other vehicle
0	0.0	3999	Unknown AM General
Chrysler			
1	0.0	6009	Cordoba
4	0.0	6010	Newport/New Yorker (thru 78)/5th Avenue/Imperial (79-81)
11	0.0	6014	New Yorker/E-Class/Imperial (90-93)/Fifth Avenue
1	0.0	6015	Laser
10	0.0	6016	Lebaron
3	0.0	6017	Lebaron GTS/GTC
0	0.0	6031	TC Maserati Sport
0	0.0	6035	Conquest
57	0.1	6041	Concorde
20	0.0	6042	LHS - New Yorker (94 on)
170	0.4	6043	Sebring
28	0.1	6044	Cirrus
0	0.0	6050	Executive (Sedan and Limo)
103	0.2	6051	300M/300/300C
161	0.4	6052	PT Cruiser
44	0.1	6054	Pacifica
4	0.0	6055	Crossfire

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Variable 109:VEHICLE MAKE-MODEL (Continued)

02Sep10	Prcnt	Code	Value and Description
1	0.0	6398	Other auto
4	0.0	6399	Unknown auto
8	0.0	6421	Aspen
184	0.4	6441	Town & Country (Minivan)
22	0.0	6442	Voyager (2001-on, for 1984-2000 see Plymouth)
0	0.0	6498	Other light truck
0	0.0	6499	Unknown light truck
0	0.0	6999	Unknown Chrysler
			Dodge
0	0.0	7001	Dart
1	0.0	7002	Coronet/Magnum/Charger(thru 78)
0	0.0	7003	Polara/Monaco/Royal Monaco
2	0.0	7004	Viper
0	0.0	7005	Challenger
0	0.0	7006	Aspen
1	0.0	7007	Diplomat
1	0.0	7008	Omni/Charger(83 on)
0	0.0	7009	Mirada
0	0.0	7010	St Regis
2	0.0	7011	Aries (K)
0	0.0	7012	400
0	0.0	7013	Rampage (car based pickup)
0	0.0	7014	600
2	0.0	7015	Daytona
1	0.0	7016	Lancer
5	0.0	7017	Shadow
11	0.0	7018	Dynasty
16	0.0	7019	Spirit
219	0.5	7020	Neon
26	0.1	7021	Magnum
81	0.2	7024	Charger (2006-08)
42	0.1	7025	Caliber
15	0.0	7026	Avenger (2008)
5	0.0	7027	Journey
4	0.0	7028	Challenger (2008)
0	0.0	7033	Challenger (import, '78-'83)
5	0.0	7034	Colt (excludes Vista)
1	0.0	7035	Conquest
6	0.0	7039	Stealth
0	0.0	7040	Monaco
134	0.3	7041	Intrepid
13	0.0	7042	Avenger (1995-2000)
176	0.4	7043	Stratus
3	0.0	7398	Other auto
4	0.0	7399	Unknown auto
1	0.0	7401	Raider
148	0.3	7402	Durango (1998-2003 only; see model 07422 for 2004 on)
13	0.0	7403	Nitro
6	0.0	7421	Ramcharger
69	0.2	7422	Durango (2004 on; see 07402 for 1998-2003 models)
0	0.0	7441	Vista

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Variable 109:VEHICLE MAKE-MODEL (Continued)

02Sep10	Prcnt	Code	Value and Description
421	0.9	7442	Caravan/Grand Caravan
73	0.2	7461	B-series Van/Ram Van/Ram Wagon
11	0.0	7462	Sprinter
0	0.0	7470	Van Derivative
13	0.0	7471	D50,Colt Pickup,Ram 50/100
289	0.6	7472	Dakota
39	0.1	7481	D,W-series Pickup
1027	2.3	7482	Ram Pickup
2	0.0	7498	Other light truck
7	0.0	7499	Unknown light truck
1	0.0	7850	Motor home
23	0.1	7880	Medium/Heavy Pickup
8	0.0	7881	Med/hvy CBE
0	0.0	7882	Med/hvy COE low entry
0	0.0	7883	Med/hvy COE high entry
0	0.0	7884	Med/hvy unk engine location
0	0.0	7890	Med/hvy COE unk entry position
0	0.0	7898	Other med/hvy truck
0	0.0	7899	Unk med/hvy truck
0	0.0	7981	Medium bus (not van based)
0	0.0	7988	Other bus
0	0.0	7998	Other vehicle
2	0.0	7999	Unknown Dodge
			Imperial
0	0.0	8010	Imperial
0	0.0	8398	Other auto
0	0.0	8399	Unknown auto
0	0.0	8999	Unknown Imperial
			Plymouth
0	0.0	9001	Valiant/Scamp/Duster(thru 76)
0	0.0	9002	Satellite/Belvedere
0	0.0	9003	Fury, Gran Fury (thru 78)
1	0.0	9004	Gran Fury (80 on)
0	0.0	9005	Barracuda
0	0.0	9006	Volare'
3	0.0	9007	Caravelle
2	0.0	9008	Horizon, Turismo
5	0.0	9011	Reliant (K)
0	0.0	9013	Scamp-car based pickup
7	0.0	9017	Sundance
9	0.0	9019	Acclaim
66	0.1	9020	Neon (1995-2001, 2002-on see Dodge)
0	0.0	9031	Cricket
0	0.0	9032	Arrow
0	0.0	9033	Sapporo import
1	0.0	9034	Champ/Colt (excludes Vista)
0	0.0	9035	Conquest
3	0.0	9037	Laser
28	0.1	9038	Breeze
1	0.0	9039	Prowler (1997, 1999-2001; 2002-on see Chrysler)

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Variable 109:VEHICLE MAKE-MODEL (Continued)

02Sep10 Prcnt Code Value and Description

3	0.0	9398	Other auto
1	0.0	9399	Unknown auto
0	0.0	9421	Trailduster
0	0.0	9441	Vista van
116	0.3	9442	Voyager (minivan) (1984-2000 only, 2001-on see Chrysler)
1	0.0	9461	B-series Van (fullsize)
1	0.0	9471	Arrow Pickup (foreign)
0	0.0	9498	Other light truck
0	0.0	9499	Unknown light truck
0	0.0	9998	Other vehicle
0	0.0	9999	Unknown Plymouth
Eagle			
4	0.0	10034	Summit (excludes wagon)
3	0.0	10037	Talon
1	0.0	10040	Premier
6	0.0	10041	Vision
0	0.0	10044	Medallion
0	0.0	10045	Summit Wagon
0	0.0	10398	Other auto
0	0.0	10399	Unknown auto
0	0.0	10999	Unknown Eagle
Ford			
0	0.0	12001	Falcon
0	0.0	12002	Fairlane
429	0.9	12003	Mustang/Mustang II
70	0.2	12004	Thunderbird
0	0.0	12005	Ltd II
4	0.0	12006	Ltd/Galaxy/Custom
0	0.0	12007	Ranchero
1	0.0	12008	Maverick
1	0.0	12009	Pinto
1	0.0	12010	Torino/Gran Torino/Elite
0	0.0	12011	Granada
3	0.0	12012	Fairmont
253	0.6	12013	Escort/EXP/ZX2
35	0.1	12015	Tempo
266	0.6	12016	Crown Victoria
627	1.4	12017	Taurus/Taurus X
24	0.1	12018	Probe
28	0.1	12021	Five Hundred
12	0.0	12022	Freestyle
56	0.1	12023	Fusion
23	0.1	12024	Edge
1	0.0	12025	Flex
0	0.0	12031	English Ford
0	0.0	12032	Fiesta
11	0.0	12033	Festiva
0	0.0	12034	Laser
80	0.2	12035	Contour

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Variable 109:VEHICLE MAKE-MODEL (Continued)

02Sep10	Prcnt	Code	Value and Description
10	0.0	12036	Aspire
314	0.7	12037	Focus
1	0.0	12038	GT
11	0.0	12398	Other auto
8	0.0	12399	Unknown auto
992	2.2	12401	Bronco II / Bronco (thru 77) / Explorer / Explorer Sport
158	0.3	12402	Escape
32	0.1	12421	Bronco-fullsize (78 on)
304	0.7	12422	Expedition
37	0.1	12423	Excursion
43	0.1	12441	Aerostar
162	0.4	12442	Windstar
21	0.0	12443	Freestar
1	0.0	12444	Transit connect
352	0.8	12461	E-series Van\Ecoline
0	0.0	12470	Van derivative
593	1.3	12471	Ranger
1	0.0	12472	Courier
44	0.1	12473	Explorer Sport Trac
2157	4.7	12481	F-series Pickup
2	0.0	12498	Other light truck
8	0.0	12499	Unknown light truck
12	0.0	12850	Motorhome truck based
54	0.1	12880	Medium / heavy pickup (pickup-style - over 10,000 lbs)
148	0.3	12881	Med/Hvy CBE
1	0.0	12882	Med/Hvy COE low entry
0	0.0	12883	Med/Hvy COE high entry
2	0.0	12884	Med/Hvy unk engine location
0	0.0	12890	Med/Hvy COE unk entry position
1	0.0	12898	Other Med/Hvy truck
0	0.0	12899	Unk Med/Hvy truck
2	0.0	12981	Medium bus
0	0.0	12988	Other bus
5	0.0	12998	Other vehicle
3	0.0	12999	Unknown Ford
Lincoln			
222	0.5	13001	Town Car/Continental (-81)
24	0.1	13002	Mark I - VIII
40	0.1	13005	Continental (82 on)
0	0.0	13011	Versailles
44	0.1	13012	LS
18	0.0	13013	Zephyr / MKZ
6	0.0	13014	MKX
3	0.0	13015	MKS
0	0.0	13016	MKT
2	0.0	13398	Other auto
0	0.0	13399	Unknown auto
9	0.0	13401	Aviator
70	0.2	13421	Navigator
0	0.0	13481	Blackwood

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Variable 109:VEHICLE MAKE-MODEL (Continued)

02Sep10	Prcnt	Code	Value and Description
2	0.0	13482	Mark LT
			Mercury
0	0.0	14002	Cyclone
1	0.0	14003	Capri-domestic (1967 only, see 14008)
39	0.1	14004	Cougar (1967-1997) / XR7
218	0.5	14006	Marquis/Monterey(car version; for van version 2004 on see code 444)/Grand Marquis
0	0.0	14008	Comet
0	0.0	14009	Bobcat
0	0.0	14010	Montego (prior to 1976; for 2005 on see code 020)
0	0.0	14011	Monarch
0	0.0	14012	Zephyr
1	0.0	14013	Lynx/LN7 (82-83)
11	0.0	14015	Topaz
141	0.3	14017	Sable
5	0.0	14020	Montego (2005 on)
11	0.0	14021	Milan
0	0.0	14031	Capri-foreign
0	0.0	14033	Pantera
37	0.1	14036	Tracer
26	0.1	14037	Mystique
26	0.1	14038	Cougar (1999-2002)
1	0.0	14039	Marauder
0	0.0	14398	Other auto
0	0.0	14399	Unknown auto
82	0.2	14401	Mountaineer
15	0.0	14402	Mariner
32	0.1	14443	Villager
4	0.0	14444	Monterey (van version; for car version prior to 2004 see code 006.)
0	0.0	14498	Other light truck
0	0.0	14499	Unknown light truck
0	0.0	14999	Unknown Mercury
			Buick
1	0.0	18001	Special/Skylark
286	0.6	18002	Lesabre/Wildcat/Centurion
96	0.2	18003	Electra/Electra 225/Park Avenue (91 on)
13	0.0	18004	Roadmaster
16	0.0	18005	Riviera
233	0.5	18007	Century
0	0.0	18008	Apollo/Skylark (75)
5	0.0	18010	Regal (RWD only)
0	0.0	18012	Skyhawk
1	0.0	18015	Skylark (76-85)
21	0.0	18018	Somerset/Skylark(86 on)
123	0.3	18020	Regal (FWD)
0	0.0	18021	Reatta
36	0.1	18022	LaCrosse
30	0.1	18023	Lucerne
5	0.0	18024	Enclave

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Variable 109:VEHICLE MAKE-MODEL (Continued)

02Sep10	Prcnt	Code	Value and Description
0	0.0	18031	Opel Kadette
0	0.0	18032	Opel Manta
0	0.0	18033	Opel GT
0	0.0	18034	Opel Isuzu
3	0.0	18398	Other auto
4	0.0	18399	Unknown auto
46	0.1	18401	Rendezvous
5	0.0	18402	Rainier
6	0.0	18441	Terraza
1	0.0	18999	Unknown Buick
Cadillac			
199	0.4	19003	Deville/Fleetwood (except Limousine)
1	0.0	19004	Limousine
28	0.1	19005	Eldorado
0	0.0	19006	Commercial Series
1	0.0	19009	Allante'
41	0.1	19014	Seville
1	0.0	19016	Cimarron
8	0.0	19017	Catera
61	0.1	19018	CTS\CTC
0	0.0	19019	XLR
15	0.0	19020	SRX
14	0.0	19021	STS
13	0.0	19022	DTS
0	0.0	19398	Other auto
2	0.0	19399	Unknown auto
0	0.0	19401	BRX
46	0.1	19421	Escalade/ESV (from 2004 on; see 19431 for 2003)
3	0.0	19431	Escalade ESV (2003 only; see 19421 for 2004 on)
12	0.0	19480	Escalade EXT (from 2002-2006; for 2007 on see 19481)
6	0.0	19481	Escalade EXT (from 2007 on; see 19480 for 2002-2006)
Chevrolet			
10	0.0	20001	Malibu/Chevelle (thru 1983)
509	1.1	20002	Caprice/Impala
67	0.1	20004	Corvette
0	0.0	20006	Corvair
10	0.0	20007	El Camino
9	0.0	20008	Nova (-79)
128	0.3	20009	Camaro
10	0.0	20010	Monte Carlo (-88)
0	0.0	20011	Vega
1	0.0	20012	Monza
0	0.0	20013	Chevette
1	0.0	20015	Citation
446	1.0	20016	Cavalier
20	0.0	20017	Celebrity
71	0.2	20019	Baretta/Corsica
206	0.5	20020	Lumina
212	0.5	20022	Cobalt
46	0.1	20023	HHR

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Variable 109:VEHICLE MAKE-MODEL (Continued)

02Sep10	Prcnt	Code	Value and Description
3	0.0	20024	Traverse
2	0.0	20031	Spectrum
86	0.2	20032	Nova/Geo Prizm/Prism
2	0.0	20033	Sprint/Geo Sprint
36	0.1	20034	Geo Metro/Metro
4	0.0	20035	Geo Storm
125	0.3	20036	Monte Carlo (1995 on)
335	0.7	20037	Malibu/Malibu Maxx
1	0.0	20038	SSR
46	0.1	20039	Aveo\Aveo 5
12	0.0	20398	Other auto
15	0.0	20399	Unknown auto
393	0.9	20401	S-10 Blazer / TrailBlazer (2002 only; for 2003 on see 20403)
70	0.2	20402	Geo Tracker/Tracker
233	0.5	20403	TrailBlazer (2003 on; for 2002 see 20401)
56	0.1	20404	Equinox
460	1.0	20421	Blazer-fullsize / Tahoe
57	0.1	20422	Suburban (from 2004 on; see 20431 for 1950-2003)
205	0.5	20431	Suburban (from 1950-2003; see 20431 for 2004 on)
121	0.3	20441	Astro Van
15	0.0	20442	Lumina APV
106	0.2	20443	Venture
24	0.1	20444	Uplander
171	0.4	20461	G-series Van
5	0.0	20466	P-series Van
1	0.0	20470	Van Derivative
386	0.8	20471	S-10 / T-10 pickup
1	0.0	20472	LUV imported PU
64	0.1	20473	Colorado
1915	4.2	20481	C,K,R,V-series pickup/silverado
95	0.2	20482	Avalanche
11	0.0	20498	Other light truck
7	0.0	20499	Unknown light truck
8	0.0	20850	Motorhome - truck based
4	0.0	20880	Med/Hvy pickup (pickup-style only - over 10,000 lbs)
52	0.1	20881	Med/Hvy CBE
3	0.0	20882	Med/Hvy COE low entry
0	0.0	20883	Med/Hvy COE high entry
1	0.0	20884	Med/Hvy unk engine location
1	0.0	20890	Med/Hvy COE unk entry position
0	0.0	20898	Other med/hvy
1	0.0	20899	Unknown med/hvy
3	0.0	20981	Bus S-60 series
1	0.0	20988	Other bus
0	0.0	20998	Other vehicle
8	0.0	20999	Unknown Chevrolet
Oldsmobile			
15	0.0	21001	Cutlass (RWD only)
89	0.2	21002	Delta 88 / LSS
34	0.1	21003	Ninety-Eight / Regency

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Variable 109:VEHICLE MAKE-MODEL (Continued)

02Sep10	Prcnt	Code	Value and Description
3	0.0	21005	Toronado
0	0.0	21006	Commercial Series
0	0.0	21012	Starfire
0	0.0	21015	Omega
0	0.0	21016	Firenza
57	0.1	21017	Ciera
5	0.0	21018	Calais
99	0.2	21020	Cutlass (FWD)
94	0.2	21021	Achieva / Alero
17	0.0	21022	Aurora
47	0.1	21023	Intrigue
4	0.0	21398	Other auto
2	0.0	21399	Unknown auto
31	0.1	21401	Bravada
29	0.1	21441	Silhouette
0	0.0	21498	Other light trk
0	0.0	21499	Unknown light trk
0	0.0	21998	Other vehicle
0	0.0	21999	Unknown Oldsmobile
Pontiac			
1	0.0	22001	Lemans/Tempest (thru 70)
115	0.3	22002	Bonneville/Catalina/Parisienne
4	0.0	22005	Fiero
18	0.0	22008	Ventura/GTO
56	0.1	22009	Firebird/Trans AM
1	0.0	22010	Grand Prix (RWD)
0	0.0	22011	Astre
0	0.0	22012	Sunbird (thru 80)
0	0.0	22013	T-1000/1000
0	0.0	22015	Phoenix
122	0.3	22016	J2000/Sunbird (85 on)/Sunfire (1995 on)
6	0.0	22017	6000
285	0.6	22018	Grand Am
15	0.0	22019	G5
294	0.6	22020	Grand Prix (FWD)
112	0.2	22022	G6
5	0.0	22023	Solstice
1	0.0	22024	G8
1	0.0	22025	G3
0	0.0	22026	G8-ST
2	0.0	22031	Lemans (1988 on)
40	0.1	22032	Vibe
1	0.0	22398	Other auto
4	0.0	22399	Unknown auto
22	0.0	22401	Aztek
7	0.0	22403	Torrent
71	0.2	22441	Trans Sport/Montana
0	0.0	22999	Unknown Pontiac
GMC			
0	0.0	23007	Caballero/Sprint

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Variable 109:VEHICLE MAKE-MODEL (Continued)

02Sep10	Prcnt	Code	Value and Description
9	0.0	23008	Acadia
0	0.0	23398	Other auto
0	0.0	23399	Unknown auto
167	0.4	23401	Jimmy/Typhoon S-15 based/Envoy
0	0.0	23402	Terrain
131	0.3	23421	Fullsize Jimmy/Yukon
42	0.1	23422	Suburban / Yukon XL (2004 on; see 23431 for 1950-2003)
84	0.2	23431	Suburban / Yukon XL (2000 on)
30	0.1	23441	Safari (Minivan)
58	0.1	23461	G-series Van / Savana
1	0.0	23466	P-series Van
0	0.0	23470	Van Derivative
125	0.3	23471	S15 / T15 / Sonoma
25	0.1	23472	Canyon
580	1.3	23481	C,K,R,V-series Pickup/Sierra
1	0.0	23498	Other light truck
4	0.0	23499	Unknown light truck
0	0.0	23850	Motorhome - truck based
11	0.0	23880	GMC 3500 Pickup Truck
50	0.1	23881	Med/Hvy CBE
8	0.0	23882	Med/Hvy COE low entry
0	0.0	23883	Med/Hvy COE high entry
2	0.0	23884	Med/Hvy unk engine location
0	0.0	23890	Med/Hvy COE unk entry position
0	0.0	23898	Other med/hvy trk
1	0.0	23899	Unk med/hvy trk
2	0.0	23981	Bus B6000
0	0.0	23988	Other bus
0	0.0	23998	Other vehicle
2	0.0	23999	Unknown GMC
Saturn			
195	0.4	24001	SL
57	0.1	24002	SC
16	0.0	24003	SW
0	0.0	24004	EV1 / EGV1
34	0.1	24005	LS
4	0.0	24006	LW
56	0.1	24007	Ion
2	0.0	24008	Sky
12	0.0	24009	Aura
7	0.0	24010	Outlook
0	0.0	24011	Astra
3	0.0	24398	Other auto
4	0.0	24399	Unknown auto
60	0.1	24401	Vue
1	0.0	24441	Relay
0	0.0	24499	Unknown light truck
Grumman \ Grumman-Olson			
1	0.0	25401	LLV
0	0.0	25441	Step-in van

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Variable 109:VEHICLE MAKE-MODEL (Continued)

02Sep10	Prcnt	Code	Value and Description
0	0.0	25498	Other light truck
0	0.0	25499	Unknown light truck
0	0.0	25881	Med/Hvy CBE
0	0.0	25882	Med/Hvy COE low entry
0	0.0	25883	Med/Hvy COE high entry
0	0.0	25884	Med/Hvy unk engine location
0	0.0	25890	Med/Hvy COE unk entry position
0	0.0	25898	Other med/hvy trk
0	0.0	25899	Unk med/hvy trk
0	0.0	25983	Bus flat front, rear engine transit
0	0.0	25988	Other bus
0	0.0	25999	Unknown Grumman
Other Domestic Manufacturers			
1	0.0	29001	Studebaker/Avanti
0	0.0	29002	Checker
0	0.0	29003	Panoz
0	0.0	29004	Saleen
1	0.0	29398	Other auto
0	0.0	29399	Unknown make
Volkswagen			
0	0.0	30031	Karmann Ghia
5	0.0	30032	Beetle 1300/1500
3	0.0	30033	Super Beetle
0	0.0	30034	411/412
1	0.0	30035	Squareback/Fastback
6	0.0	30036	Rabbit
0	0.0	30037	Dasher
2	0.0	30038	Scirocco
146	0.3	30040	Jetta
0	0.0	30041	Quantum
43	0.1	30042	Golf/Cabriolet/Cabrio/GTI
0	0.0	30043	Rabbit Pickup
3	0.0	30044	Fox
3	0.0	30045	Corrado
57	0.1	30046	Passat
59	0.1	30047	New Beetle (98 on)
1	0.0	30048	Phaeton
1	0.0	30051	Eos
3	0.0	30398	Other auto
2	0.0	30399	Unknown auto
0	0.0	30401	The Thing (181)
1	0.0	30402	Tiguan
9	0.0	30421	Touareg/Touareg 2
6	0.0	30441	Vanagon/Camper
2	0.0	30442	Eurovan
1	0.0	30443	Routan
0	0.0	30498	Other light truck
0	0.0	30499	Unknown light truck
1	0.0	30998	Other vehicle
1	0.0	30999	Unknown Volkswagen

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Variable 109:VEHICLE MAKE-MODEL (Continued)

02Sep10 Prcnt Code Value and Description

Alfa Romeo			
0	0.0	31031	Spider (Spyder)
0	0.0	31032	Sports Sedan
0	0.0	31033	Sprint/Special
0	0.0	31034	GTV-6
0	0.0	31035	164 (Alpha 164)
0	0.0	31036	8c
0	0.0	31398	Other auto
0	0.0	31399	Unknown auto
Audi			
0	0.0	32031	Super 90
1	0.0	32032	100
0	0.0	32033	Fox
0	0.0	32034	4000
0	0.0	32035	5000
0	0.0	32036	80/90
1	0.0	32037	200
1	0.0	32038	V-8 Quattro
0	0.0	32039	Coupe Quattro
3	0.0	32040	S4/S6
0	0.0	32041	Cabriolet
23	0.1	32042	A6
38	0.1	32043	A4
1	0.0	32044	A8
5	0.0	32045	TT
1	0.0	32046	S8
0	0.0	32047	Allroad
2	0.0	32048	A3
0	0.0	32049	A5
0	0.0	32050	R8
0	0.0	32051	A7
0	0.0	32052	S5
0	0.0	32053	A2
0	0.0	32054	RS5
0	0.0	32398	Other auto
0	0.0	32399	Unknown auto
5	0.0	32401	Q7
1	0.0	32402	Q5
0	0.0	32499	Unknown Light Truck
Austin/Austin Healey			
0	0.0	33031	Marina
0	0.0	33032	America
0	0.0	33033	Healey Sprite
0	0.0	33034	Healey 100/3000
0	0.0	33035	Mini/Mini Cooper/Mini Moke
0	0.0	33398	Other auto
0	0.0	33399	Unknown auto
0	0.0	33999	Unknown Austin/Austin Healey

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Variable 109:VEHICLE MAKE-MODEL (Continued)

02Sep10	Prcnt	Code	Value and Description
			BMW
0	0.0	34031	1600, 1800, 2000, 2002
0	0.0	34032	Coupe (before 1975)
0	0.0	34033	Bavarian Sedan
152	0.3	34034	3-series
58	0.1	34035	5-series
3	0.0	34036	6-series
28	0.1	34037	7-series
1	0.0	34038	8-series
9	0.0	34039	Z3
0	0.0	34040	Z8
0	0.0	34041	V5
1	0.0	34042	Z4
1	0.0	34043	1-series, 128i,135i
0	0.0	34044	X6
4	0.0	34398	Other auto
1	0.0	34399	Unknown auto
28	0.1	34401	X5
2	0.0	34402	X3
0	0.0	34499	Unknown light truck
0	0.0	34703	125-349cc
4	0.0	34705	450-749cc
26	0.1	34706	750cc & over
10	0.0	34709	Unknown cc
1	0.0	34999	Unknown BMW
			Nissan/Datsun
0	0.0	35031	F-10
26	0.1	35032	200SX/240SX
0	0.0	35033	B210/210/1200
20	0.0	35034	Z-car,ZX
0	0.0	35035	310
0	0.0	35036	510
0	0.0	35037	610
0	0.0	35038	710
236	0.5	35039	810/Maxima
0	0.0	35040	Roadster
0	0.0	35041	311/411
11	0.0	35042	Stanza
246	0.5	35043	Sentra
0	0.0	35044	Pulsar
0	0.0	35045	Micra
1	0.0	35046	NX 1600/2000
413	0.9	35047	Altima
36	0.1	35048	350-Z
50	0.1	35049	Murano
37	0.1	35050	Versa
8	0.0	35051	Rogue
0	0.0	35052	Cube
0	0.0	35053	GT-R
2	0.0	35398	Other auto
6	0.0	35399	Unknown auto

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Variable 109:VEHICLE MAKE-MODEL (Continued)

02Sep10	Prcnt	Code	Value and Description
123	0.3	35401	Pathfinder
94	0.2	35402	Xterra
15	0.0	35421	Pathfinder Armada
0	0.0	35441	Van
0	0.0	35442	Axxess
52	0.1	35443	Quest
0	0.0	35444	Altra EV (Electric vehicle)
125	0.3	35471	Pickup (55-97)
124	0.3	35472	Frontier (98 on)
44	0.1	35473	Titan (from 2004-06; see 35481 for 2007 on)
30	0.1	35481	Titan (from 2007 on; see 35473 for 2004-06)
2	0.0	35498	Other light truck
0	0.0	35499	Unknown light truck
0	0.0	35883	Med/Hvy COE high entry
0	0.0	35898	Other med/hvy truck
0	0.0	35899	Unk med/hvy truck
3	0.0	35999	Unknown Nissan/Datsun
			Fiat
0	0.0	36031	124 Coupe/Sedan
0	0.0	36032	124 Spider/Racer
0	0.0	36033	Brava/131
0	0.0	36034	850 Coupe/Spider
0	0.0	36035	128
0	0.0	36036	X-1/9
0	0.0	36037	Strada
0	0.0	36398	Other auto
0	0.0	36399	Unknown auto
0	0.0	36882	Med/Hvy COE low entry
0	0.0	36883	Med/Hvy COE high entry
0	0.0	36890	Med/Hvy COE unk entry
0	0.0	36898	Other med/hvy truck
0	0.0	36899	Unk med/hvy truck
0	0.0	36998	Other vehicle
0	0.0	36999	Unknown Fiat
			Honda
762	1.7	37031	Civic/CRX/del Sol
882	1.9	37032	Accord
34	0.1	37033	Prelude
0	0.0	37034	600
10	0.0	37035	S2000
0	0.0	37036	EV Plus (Electric vehicle)
2	0.0	37037	Insight
0	0.0	37038	FCX
25	0.1	37039	Fit
0	0.0	37040	Stream
2	0.0	37398	Other auto
4	0.0	37399	Unknown auto
27	0.1	37401	Passport
138	0.3	37402	CR-V
30	0.1	37403	Element

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Variable 109:VEHICLE MAKE-MODEL (Continued)

02Sep10	Prcnt	Code	Value and Description
53	0.1	37421	Pilot
113	0.2	37441	Odyssey
11	0.0	37471	Ridgeline
0	0.0	37499	Unknown light truck
14	0.0	37701	0-50cc
16	0.0	37702	51-124cc
42	0.1	37703	125-349cc
11	0.0	37704	350-449cc
228	0.5	37705	450-749cc
407	0.9	37706	750cc & over
102	0.2	37709	Unknown cc
4	0.0	37732	ATC/ATV/TRX 51-124cc
23	0.1	37733	ATC/ATV/TRX 125-349cc
31	0.1	37734	ATC/ATV/TRX 350cc & over
43	0.1	37739	Unknown ATC/ATV/TRX cc
0	0.0	37998	Other vehicle (Go Carts)
0	0.0	37999	Unknown Honda
			Isuzu
0	0.0	38031	I-Mark
1	0.0	38032	Impulse
1	0.0	38033	Stylus
0	0.0	38398	Other auto
1	0.0	38399	Unknown auto
24	0.1	38401	Trooper / Trooper II
95	0.2	38402	Rodeo / Rodeo Sport
6	0.0	38403	Amigo
0	0.0	38404	VehiCROSS
3	0.0	38405	Axiom
4	0.0	38421	Ascender
0	0.0	38441	Oasis
15	0.0	38471	P'up Pickup
5	0.0	38472	Hombre
0	0.0	38473	i-280/i-290
1	0.0	38474	i-350/i-370
1	0.0	38498	Other light truck
0	0.0	38499	Unknown light truck
0	0.0	38881	Med/Hvy CBE
30	0.1	38882	Med/Hvy COE low entry
0	0.0	38883	Med/Hvy COE high entry
0	0.0	38884	Med/Hvy unk engine location
0	0.0	38890	Med/Hvy COE unk entry position
1	0.0	38898	Other med/hvy trk
0	0.0	38899	Unk med/hvy trk
0	0.0	38981	Bus Conventional front engine
0	0.0	38982	Bus front engine/flat front
0	0.0	38983	Bus rear engine/flat front
0	0.0	38988	Other bus
0	0.0	38999	Unknown Isuzu
			Jaguar
2	0.0	39031	XJ-S, XK8 Coupe

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Variable 109:VEHICLE MAKE-MODEL (Continued)

02Sep10	Prcnt	Code	Value and Description
15	0.0	39032	XJ/XJ6/12/XJR/XJ8/XJ8L Sedan/Coupe
0	0.0	39033	XK-E
12	0.0	39034	S-Type
1	0.0	39035	XKR/XK
10	0.0	39036	X-Type
1	0.0	39037	XF
1	0.0	39398	Other auto
0	0.0	39399	Unknown auto
Lancia			
0	0.0	40031	Beta Sedan/HPE
0	0.0	40032	Zagato
0	0.0	40033	Scorpion
0	0.0	40398	Other auto
0	0.0	40399	Unknown auto
Mazda			
0	0.0	41031	RX2
0	0.0	41032	RX3
0	0.0	41033	RX4
7	0.0	41034	RX7
69	0.2	41035	GLC/323/Protege/Protege5
0	0.0	41036	Cosmo
78	0.2	41037	626
0	0.0	41038	808
0	0.0	41039	Mizer
0	0.0	41040	R-100
0	0.0	41041	616/618
0	0.0	41042	1800
8	0.0	41043	929
14	0.0	41044	MX-6
20	0.0	41045	Miata/MX-5
3	0.0	41046	MX-3
17	0.0	41047	Millenia
0	0.0	41048	MP3
9	0.0	41049	RX-8
54	0.1	41050	Mazda6
69	0.2	41051	Mazda3
7	0.0	41052	Mazda5
3	0.0	41053	CX-7
5	0.0	41054	CX-9
2	0.0	41398	Other auto
9	0.0	41399	Unknown auto
6	0.0	41401	Navajo
35	0.1	41402	Tribute
39	0.1	41441	MPV
70	0.2	41471	Mazda Pickup
1	0.0	41498	Other light truck
1	0.0	41499	Unknown light truck
1	0.0	41999	Unknown Mazda

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Variable 109:VEHICLE MAKE-MODEL (Continued)

02Sep10 Prcnt Code Value and Description

			Mercedes Benz
23	0.1	42031	200/220/230/240/250/260/280/300/420 Sedan/Coupe
0	0.0	42032	230/280 SL 2-pass
6	0.0	42033	300/350/380/450/500/560 SL 2-pass
1	0.0	42034	350/380/420/450/560 SLC
0	0.0	42035	280/300 SEL
5	0.0	42036	300/380/420 450/500/560 SEL, 500/560/600 SEC, 300/350 SDL
2	0.0	42037	300/380/450 SE
0	0.0	42038	600,6.9 Sedan
8	0.0	42039	190
2	0.0	42040	300
3	0.0	42041	400/500E
56	0.1	42042	C Class (94 on)
17	0.0	42043	S Class (95 on)
5	0.0	42044	SL Class (95 on)
3	0.0	42045	SLK
4	0.0	42046	CL Class
12	0.0	42047	CLK
41	0.1	42048	E Class (97 on)
0	0.0	42049	SLR
2	0.0	42050	R Class
4	0.0	42051	CLS Class
4	0.0	42398	Other auto
4	0.0	42399	Unknown auto
32	0.1	42401	M / ML Class
1	0.0	42402	G Class
0	0.0	42403	GLK Class
2	0.0	42421	GL Class
0	0.0	42461	Sprinter
0	0.0	42470	Van Derivative
0	0.0	42881	Med/Hvy CBE
0	0.0	42882	Med/Hvy COE low entry
0	0.0	42883	Med/Hvy COE high entry
0	0.0	42884	Med/Hvy unk engine location
0	0.0	42890	Med/Hvy COE unk entry position
0	0.0	42898	Other med/hvy trk
0	0.0	42899	Unk med/hvy trk
0	0.0	42981	Bus:Conv. (Engine out front)
0	0.0	42988	Other bus
0	0.0	42989	Unknown bus
1	0.0	42998	Other vehicle
0	0.0	42999	Unknown Mercedes-Benz
			MG
1	0.0	43031	Midget
0	0.0	43032	MGB
0	0.0	43033	MGB GT
1	0.0	43034	MGA
0	0.0	43035	TA/TC/TD/TF
0	0.0	43036	MGC
0	0.0	43037	Magnette/Sports Sedans

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Variable 109:VEHICLE MAKE-MODEL (Continued)

02Sep10 Prcnt Code Value and Description

0	0.0	43398	Other auto
0	0.0	43399	Unknown auto
0	0.0	43999	Unknown MG

Peugeot

0	0.0	44031	304
0	0.0	44032	403
0	0.0	44033	404
0	0.0	44034	504/505
0	0.0	44035	604
0	0.0	44036	405
0	0.0	44398	Other auto
0	0.0	44399	Unknown auto
0	0.0	44701	0-50cc
0	0.0	44702	51-124cc
0	0.0	44709	Unknown cc
0	0.0	44999	Unknown Peugeot

Porsche

12	0.0	45031	911 / 996
0	0.0	45032	912
0	0.0	45033	914
0	0.0	45034	924
0	0.0	45035	928
0	0.0	45036	930
3	0.0	45037	944
0	0.0	45038	959
1	0.0	45039	968
8	0.0	45040	986 / Boxster
1	0.0	45041	Cayman
0	0.0	45398	Other auto
0	0.0	45399	Unknown auto
1	0.0	45421	Cayenne
1	0.0	45999	Unknown Porsche

Renault

0	0.0	46031	LeCar
0	0.0	46032	Dauphine/10/R-8/Caravelle
0	0.0	46033	12
0	0.0	46034	15
0	0.0	46035	16
0	0.0	46036	17
0	0.0	46037	R18i, Sport Wagon
0	0.0	46038	Fuego
0	0.0	46039	Alliance/Encore/GTA/Convertible
0	0.0	46041	Alpine
0	0.0	46044	Medallion (87 only)
0	0.0	46045	Premier (87 only)
0	0.0	46398	Other auto
0	0.0	46399	Unknown auto

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Variable 109:VEHICLE MAKE-MODEL (Continued)

02Sep10 Prcnt Code Value and Description

			Saab
7	0.0	47031	99/99E/900
0	0.0	47032	Sonnett
0	0.0	47033	95/96
3	0.0	47034	9000
10	0.0	47035	9-3
7	0.0	47036	9-5
0	0.0	47037	9-2x
0	0.0	47038	9-4x
1	0.0	47398	Other auto
0	0.0	47399	Unknown auto
0	0.0	47401	9-7x
			Subaru
5	0.0	48031	DL/FE/G/GF/GL/GLF/STD/Loyale(90 on)
0	0.0	48032	Star
0	0.0	48033	360
120	0.3	48034	Legacy/Outback (prior to 2003 only; see 48045 for 2003 on)
2	0.0	48035	XT/XT6
2	0.0	48036	Justy
0	0.0	48037	SVX
48	0.1	48038	Impreza
0	0.0	48039	RX
2	0.0	48043	Brat
2	0.0	48044	Baja
31	0.1	48045	Outback (2003 on; see 48034 for prior to 2003)
0	0.0	48398	Other auto
2	0.0	48399	Unknown auto
50	0.1	48401	Forester
4	0.0	48402	B9 Tribeca
0	0.0	48998	Other vehicle
			Toyota
0	0.0	49031	Corona
515	1.1	49032	Corolla
51	0.1	49033	Celica
4	0.0	49034	Supra
4	0.0	49035	Cressida
0	0.0	49036	Crown
0	0.0	49037	Carina
39	0.1	49038	Terrel
0	0.0	49039	Starlet
752	1.7	49040	Camry
10	0.0	49041	MR-2 / MR Spyder
8	0.0	49042	Paseo
109	0.2	49043	Avalon
28	0.1	49044	Solara
13	0.0	49045	Echo
71	0.2	49046	Prius (Electric hybrid)
33	0.1	49047	Matrix
23	0.1	49048	Scion xA

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Variable 109:VEHICLE MAKE-MODEL (Continued)

02Sep10	Prcnt	Code	Value and Description
28	0.1	49049	Scion xB
71	0.2	49050	Scion tC
48	0.1	49051	Yaris
14	0.0	49052	Scion xD
2	0.0	49398	Other auto
1	0.0	49399	Unknown auto
205	0.5	49401	4-Runner
86	0.2	49402	RAV4 (EVs-electric)
83	0.2	49403	Highlander
9	0.0	49404	FJ Cruiser
18	0.0	49421	Land Cruiser
42	0.1	49422	Sequoia
24	0.1	49441	Minivan (84-90) / Previa (91 on)
110	0.2	49442	Sienna
123	0.3	49471	Pickup
295	0.6	49472	Tacoma
9	0.0	49481	T-100
182	0.4	49482	Tundra
1	0.0	49498	Other light truck
3	0.0	49499	Unknown light truck
0	0.0	49998	Other vehicle
0	0.0	49999	Unknown Toyota
Triumph			
0	0.0	50031	Spitfire
0	0.0	50032	GT-6
0	0.0	50033	TR4
0	0.0	50034	TR6
0	0.0	50035	TR7/TR8
0	0.0	50036	Herald
0	0.0	50037	Stag
0	0.0	50398	Other auto
0	0.0	50399	Unknown auto
0	0.0	50701	0-50cc
0	0.0	50702	51-124 cc
1	0.0	50703	125-349 cc
0	0.0	50704	350-449 cc
4	0.0	50705	450-749 cc
26	0.1	50706	750cc & over
3	0.0	50709	Unknown cc
1	0.0	50799	Unk motored cycle
0	0.0	50998	Other vehicle
0	0.0	50999	Unknown Triumph
Volvo			
0	0.0	51031	122
0	0.0	51032	140/142/144/145
0	0.0	51033	164
12	0.0	51034	240/242/244/245
0	0.0	51035	262/264/265
0	0.0	51036	1800
0	0.0	51037	PV544, PV444

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Variable 109:VEHICLE MAKE-MODEL (Continued)

02Sep10	Prcnt	Code	Value and Description
0	0.0	51038	760/780
4	0.0	51039	740
4	0.0	51040	940
4	0.0	51041	960
15	0.0	51042	850
38	0.1	51043	70 Series
1	0.0	51044	90 Series
17	0.0	51045	80 Series
12	0.0	51046	40 Series
12	0.0	51047	60 Series
0	0.0	51048	V50
2	0.0	51049	C30
1	0.0	51398	Other auto
1	0.0	51399	Unknown auto
11	0.0	51401	XC90
200	0.4	51881	Med/Hvy CBE
4	0.0	51882	Med/Hvy COE low entry
6	0.0	51883	Med/Hvy COE high entry
16	0.0	51884	Med/Hvy unk engine location
3	0.0	51890	Med/Hvy COE unk entry position
2	0.0	51898	Other med/hvy trk
4	0.0	51899	Unk med/hvy trk
0	0.0	51981	Medium bus
0	0.0	51988	Other bus
1	0.0	51999	Unknown Volvo
Mitsubishi			
0	0.0	52031	Starion
0	0.0	52032	Tredia
0	0.0	52033	Cordia
94	0.2	52034	Galant, (Sigma thru '88)
26	0.1	52035	Mirage
0	0.0	52036	Precis
122	0.3	52037	Eclipse
0	0.0	52038	Sigma (prior '89 see 52034)
6	0.0	52039	3000 GT
13	0.0	52040	Diamante
0	0.0	52045	Expo Wagon
65	0.1	52046	Lancer / Lancer Sportback / Lancer Evolution
12	0.0	52047	Outlander
2	0.0	52398	Other auto
0	0.0	52399	Unknown auto
82	0.2	52401	Montero / Montero Sport
7	0.0	52402	Endeavor
0	0.0	52441	Minivan
10	0.0	52471	Pickup
4	0.0	52472	Raider
1	0.0	52498	Other light truck
1	0.0	52499	Unknown light truck
9	0.0	52882	Med/Hvy COE low entry
0	0.0	52898	Other med/hvy truck
0	0.0	52899	Unk med/hvy truck

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Variable 109:VEHICLE MAKE-MODEL (Continued)

02Sep10	Prcnt	Code	Value and Description
0	0.0	52981	Bus Conventional front engine
0	0.0	52982	Bus front engine/flat front
0	0.0	52983	Bus rear engine/flat front
0	0.0	52988	Other bus
0	0.0	52999	Unknown Mitsubishi
			Suzuki
3	0.0	53031	Swift/SA310
14	0.0	53032	Esteem
11	0.0	53033	Aerio
21	0.0	53034	Forenza
8	0.0	53035	Verona
3	0.0	53036	Reno
7	0.0	53040	SX4
0	0.0	53398	Other auto
0	0.0	53399	Unknown auto
3	0.0	53401	Samurai
27	0.1	53402	Sidekick / Vitara / Grand Vitara / XL7
0	0.0	53403	X-90
19	0.0	53404	Grand Vitara (2003 on; see model 53402 for models prior to 2003)
10	0.0	53405	XL7 (2003 on; see model 53402 for 2002 model year)
0	0.0	53481	Equator
0	0.0	53498	Other light truck
0	0.0	53499	Unknown light truck
2	0.0	53701	0-50cc
5	0.0	53702	51-124cc
15	0.0	53703	125-349cc
17	0.0	53704	350-449cc
274	0.6	53705	450-749cc
338	0.7	53706	750cc & over
50	0.1	53709	Unknown cc
0	0.0	53731	ATC/ATV 0-50cc
0	0.0	53732	ATC/ATV 51-124cc
5	0.0	53733	ATC/ATV 125-349cc
15	0.0	53734	ATC/ATV 350cc & over
12	0.0	53739	Unknown ATC/ATV cc
0	0.0	53799	Unknown motored cycle
1	0.0	53999	Unknown Suzuki
			Acura
86	0.2	54031	Integra
46	0.1	54032	Legend
3	0.0	54033	NSX
5	0.0	54034	Vigor
71	0.2	54035	TL
13	0.0	54036	RL
20	0.0	54037	CL
31	0.1	54038	RSX
19	0.0	54039	TSX
1	0.0	54398	Other auto
3	0.0	54399	Unknown auto

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Variable 109:VEHICLE MAKE-MODEL (Continued)

02Sep10 Prcnt Code Value and Description

0	0.0	54401	SLX
1	0.0	54402	RDY
41	0.1	54421	MDX
0	0.0	54999	Unknown Acura

Hyundai

0	0.0	55031	Pony
3	0.0	55032	Excel
109	0.2	55033	Sonata
0	0.0	55034	Scoupe
138	0.3	55035	Elantra
79	0.2	55036	Accent
41	0.1	55037	Tiburon
10	0.0	55038	XG 300 (2001) / XG 350 (2002 on)
2	0.0	55039	Azera
0	0.0	55040	Equus
1	0.0	55041	Genesis
0	0.0	55398	Other auto
2	0.0	55399	Unknown auto
61	0.1	55401	Santa Fe
16	0.0	55402	Tucson
1	0.0	55403	Veracruz (2007 only)
2	0.0	55421	Veracruz (2008 on)
1	0.0	55441	Entourage

Merkur

0	0.0	56031	XR4Ti
0	0.0	56032	Scorpio
0	0.0	56398	Other auto
0	0.0	56399	Unknown auto

Yugo

0	0.0	57031	GV/GVL/GVX

Infiniti

0	0.0	58031	M30
13	0.0	58032	Q45
19	0.0	58033	G20
9	0.0	58034	J30
17	0.0	58035	I30
7	0.0	58036	I35
47	0.1	58037	G35/G37 sport
10	0.0	58038	M35/M45
6	0.0	58039	FX35/FX45/FX50
0	0.0	58040	EX35
0	0.0	58398	Other auto
0	0.0	58399	Unknown auto
11	0.0	58401	T30 (- 96) QX4 (97 on)
5	0.0	58421	QX56

Lexus

88	0.2	59031	ES-250/ES-300

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Variable 109:VEHICLE MAKE-MODEL (Continued)

02Sep10	Prcnt	Code	Value and Description
46	0.1	59032	LS-400/430
5	0.0	59033	SC-300/SC-400
22	0.0	59034	GS-300/400/430
33	0.1	59035	IS-300
2	0.0	59036	SC-430
0	0.0	59398	Other auto
2	0.0	59399	Unknown auto
24	0.1	59401	RX300
5	0.0	59402	GX470
32	0.1	59403	RX330/350/400h
11	0.0	59421	LX450/470/570
1	0.0	59499	Unknown light truck
Daihatsu			
0	0.0	60031	Charade
0	0.0	60398	Other auto
0	0.0	60399	Unknown auto
2	0.0	60401	Rocky
0	0.0	60498	Other light trk
0	0.0	60499	Unknown light trk
0	0.0	60998	Other vehicle
0	0.0	60999	Unknown Daihatsu
Sterling			
0	0.0	61031	827
1	0.0	61398	Other auto
0	0.0	61399	Unknown auto
Land Rover			
25	0.1	62401	Discovery
0	0.0	62402	Defender
2	0.0	62403	Freelander (2004 on; see 62422 for 2002-2003 models)
21	0.0	62421	Range Rover
0	0.0	62422	Freelander (2002-2003 only; see 62403 for 2004 model)
4	0.0	62423	LR3
0	0.0	62424	LR2
0	0.0	62498	Other light trk
0	0.0	62499	Unknown light trk
KIA			
44	0.1	63031	Sephia
45	0.1	63032	Rio/Rio5
66	0.1	63033	Spectra/Spectra5
43	0.1	63034	Optima
6	0.0	63035	Amanti
7	0.0	63036	Rondo
2	0.0	63037	Soul
1	0.0	63038	Forte
0	0.0	63398	Other auto
5	0.0	63399	Unknown auto
50	0.1	63401	Sportage
42	0.1	63402	Sorento

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Variable 109:VEHICLE MAKE-MODEL (Continued)

02Sep10	Prcnt	Code	Value and Description
0	0.0	63421	Mesa
52	0.1	63441	Sedona
0	0.0	63498	Other light trk
0	0.0	63499	Unknown light trk
			Daewoo
5	0.0	64031	Lanos
3	0.0	64032	Nubira
3	0.0	64033	Leganza
0	0.0	64398	Other auto
0	0.0	64399	Unknown auto
			Smart
4	0.0	65031	Fortwo
0	0.0	65398	Other auto
0	0.0	65399	Unknown auto
			Other Imports
0	0.0	69031	Aston Martin
0	0.0	69032	Bricklin
0	0.0	69033	Citroen
0	0.0	69034	DeLorean
3	0.0	69035	Ferrari
0	0.0	69036	Hillman
0	0.0	69037	Jensen
1	0.0	69038	Lamborghini
0	0.0	69039	Lotus
1	0.0	69040	Maserati
0	0.0	69041	Morris
1	0.0	69042	Rolls Royce/Bentley
0	0.0	69044	Simca
0	0.0	69045	Sunbeam
0	0.0	69046	TVR
0	0.0	69048	Desta
0	0.0	69049	Reliant
0	0.0	69052	Bertone
0	0.0	69053	Lada
16	0.0	69054	Mini-Cooper
0	0.0	69055	Morgan (2003 on; prior to 2003 see 69398)
0	0.0	69056	Maybach
0	0.0	69057	Spyker
0	0.0	69058	Koenigsegg
0	0.0	69059	Tesla
0	0.0	69060	Yes
0	0.0	69061	Mahinda
0	0.0	69398	Other imported auto
0	0.0	69399	Unknown make
			BSA
0	0.0	70701	0-50cc
0	0.0	70702	51-124cc
0	0.0	70703	125-349cc

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Variable 109:VEHICLE MAKE-MODEL (Continued)

02Sep10 Prcnt Code Value and Description

0	0.0	70704	350-449cc
0	0.0	70705	450-749cc
1	0.0	70706	750cc & over
0	0.0	70709	Unknown cc
Ducati			
0	0.0	71701	0-50cc
0	0.0	71702	51-124cc
0	0.0	71703	125-349cc
0	0.0	71704	350-449cc
3	0.0	71705	450-749cc
20	0.0	71706	750cc & over
7	0.0	71709	Unknown cc
Harley-Davidson			
0	0.0	72702	51-124cc
1	0.0	72703	125-349cc
0	0.0	72704	350-449cc
2	0.0	72705	450-749cc
1450	3.2	72706	750cc & over
117	0.3	72709	Unknown cc
Kawasaki			
0	0.0	73701	0-50cc
6	0.0	73702	51-124cc
30	0.1	73703	125-349cc
1	0.0	73704	350-449cc
166	0.4	73705	450-749cc
206	0.5	73706	750cc & over
73	0.2	73709	Unknown cc
0	0.0	73731	ATC/ATV 0-50cc
1	0.0	73732	ATC/ATV 51-124cc
4	0.0	73733	ATC/ATV 125-349cc
11	0.0	73734	ATC/ATV 350cc & over
9	0.0	73739	Unknown ATC/ATV cc
Moto-Guzzi			
0	0.0	74704	350-449cc
0	0.0	74705	450-749cc
1	0.0	74706	750cc & over
1	0.0	74709	Unknown cc
Norton			
0	0.0	75704	350-449cc
0	0.0	75705	450-749cc
0	0.0	75706	750cc & over
1	0.0	75709	Unknown cc
Yamaha			
11	0.0	76701	0-50cc
10	0.0	76702	51-124cc
18	0.0	76703	125-349cc

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Variable 109:VEHICLE MAKE-MODEL (Continued)

02Sep10 Prcnt Code Value and Description

8	0.0	76704	350-449cc
214	0.5	76705	450-749cc
229	0.5	76706	750cc & over
82	0.2	76709	Unknown cc
0	0.0	76731	ATC/ATV 0-50cc
0	0.0	76732	ATC/ATV 51-124cc
13	0.0	76733	ATC/ATV 125-349cc
24	0.1	76734	ATC/ATV 350cc & over
37	0.1	76739	Unknown ATC/ATV cc
11	0.0	76998	Oth veh (snowmobile)

Victory

9	0.0	77706	750cc & over
2	0.0	77709	Unknown cc

Brockway

0	0.0	80850	Truck based motorhome
0	0.0	80881	Med/Hvy CBE
0	0.0	80882	Med/Hvy COE low entry
0	0.0	80883	Med/Hvy COE high entry
0	0.0	80884	Med/Hvy unk engine location
0	0.0	80890	Med/Hvy COE unk entry position
0	0.0	80898	Other med/hvy trk
0	0.0	80899	Unk med/hvy trk
0	0.0	80981	Conventional bus
0	0.0	80982	Bus-flat front, front engine
0	0.0	80983	Bus-flat front, rear engine
0	0.0	80988	Other bus
0	0.0	80989	Unknown bus
0	0.0	80998	Other vehicle
0	0.0	80999	Unknown Brockway

Diamond Reo/Reo

0	0.0	81850	Truck based motorhome
0	0.0	81881	Med/Hvy CBE
0	0.0	81882	Med/Hvy COE low entry
0	0.0	81883	Med/Hvy COE high entry
0	0.0	81884	Med/Hvy unk engine location
0	0.0	81890	Med/Hvy COE unk entry position
0	0.0	81898	Other med/hvy trk
0	0.0	81899	Unk med/hvy trk
0	0.0	81950	Bus based motorhome
0	0.0	81981	Conventional bus
0	0.0	81982	Bus-flat front, front engine
0	0.0	81983	Bus-flat front, rear engine
0	0.0	81988	Other bus
0	0.0	81998	Other vehicle
0	0.0	81999	Unknown Diamond Reo/Reo

Freightliner/White

4	0.0	82461	Sprinter / Advantage
5	0.0	82850	Truck based motorhome

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Variable 109:VEHICLE MAKE-MODEL (Continued)

02Sep10	Prcnt	Code	Value and Description
515	1.1	82881	Med/Hvy CBE
2	0.0	82882	Med/Hvy COE low entry
234	0.5	82883	Med/Hvy COE high entry
21	0.0	82884	Med/Hvy unk engine location
6	0.0	82890	Med/Hvy COE unk entry position
8	0.0	82898	Other med/hvy trk
5	0.0	82899	Unk med/hvy trk
9	0.0	82981	Conventional bus
0	0.0	82982	Bus-flat front, front engine
0	0.0	82983	Bus-flat front, rear engine
1	0.0	82988	Other bus
0	0.0	82989	Unknown bus
0	0.0	82998	Other vehicle
0	0.0	82999	Unknown Freightliner/White
		FWD	
0	0.0	83850	Truck based motorhome
1	0.0	83881	Med/Hvy CBE
0	0.0	83882	Med/Hvy COE low entry
0	0.0	83883	Med/Hvy COE high entry
0	0.0	83884	Med/Hvy unk engine location
0	0.0	83890	Med/Hvy COE unk entry position
0	0.0	83898	Other med/hvy trk
0	0.0	83899	Unk med/hvy trk
0	0.0	83950	Bus based motorhome
0	0.0	83981	Conventional bus
0	0.0	83982	Bus-flat front, front engine
0	0.0	83983	Bus-flat front, rear engine
0	0.0	83988	Other bus
0	0.0	83998	Other vehicle
0	0.0	83999	Unknown FWD
		International Harvester/Navistar	
4	0.0	84421	Scout
1	0.0	84431	Travelall
0	0.0	84466	Multistop van
2	0.0	84481	Pickup
0	0.0	84498	Other light trk
1	0.0	84499	Unknown light trk
1	0.0	84850	Truck based motorhome
447	1.0	84881	Med/Hvy CBE
2	0.0	84882	Med/Hvy COE low entry
17	0.0	84883	Med/Hvy COE high entry
50	0.1	84884	Med/Hvy unk engine location
3	0.0	84890	Med/Hvy COE unk entry position
1	0.0	84898	Other med/hvy trk
2	0.0	84899	Unk med/hvy trk
0	0.0	84950	Bus based motorhome
41	0.1	84981	Conventional bus
0	0.0	84982	Bus-flat front, front engine
1	0.0	84983	Bus-flat front, rear engine
3	0.0	84988	Other bus

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Variable 109:VEHICLE MAKE-MODEL (Continued)

02Sep10	Prcnt	Code	Value and Description
5	0.0	84998	Other vehicle
0	0.0	84999	Unknown International Harvester/Navistar
			Kenworth
1	0.0	85850	Truck based motorhome
347	0.8	85881	Med/Hvy CBE
0	0.0	85882	Med/Hvy COE low entry
1	0.0	85883	Med/Hvy COE high entry
8	0.0	85884	Med/Hvy unk engine location
5	0.0	85890	Med/Hvy COE unk entry position
0	0.0	85898	Other med/hvy trk
3	0.0	85899	Unk med/hvy trk
0	0.0	85950	Bus based motorhome
0	0.0	85981	Conventional bus
0	0.0	85982	Bus-flat front, front engine
0	0.0	85983	Bus-flat front, rear engine
0	0.0	85988	Other bus
0	0.0	85989	Unknown bus
0	0.0	85998	Other vehicle
0	0.0	85999	Unknown Kenworth
			Mack
0	0.0	86850	Truck based motorhome
213	0.5	86881	Med/Hvy CBE
29	0.1	86882	Med/Hvy COE low entry
2	0.0	86883	Med/Hvy COE high entry
13	0.0	86884	Med/Hvy Unk engine location
2	0.0	86890	Med/Hvy COE Unk entry position
3	0.0	86898	Other med/hvy trk
2	0.0	86899	Unk med/hvy trk
0	0.0	86950	Bus based motorhome
0	0.0	86981	Conventional bus
0	0.0	86982	Bus-flat front, front engine
0	0.0	86983	Bus-flat front, rear engine
0	0.0	86988	Other bus
0	0.0	86989	Unknown bus
0	0.0	86998	Other vehicle
0	0.0	86999	Unknown Mack
			Peterbilt
0	0.0	87850	Truck based motorhome
377	0.8	87881	Med/Hvy CBE
5	0.0	87882	Med/Hvy COE low entry
4	0.0	87883	Med/Hvy COE high entry
16	0.0	87884	Med/Hvy unk engine location
0	0.0	87890	Med/Hvy COE unk entry position
1	0.0	87898	Other med/hvy trk
4	0.0	87899	Unk med/hvy trk
0	0.0	87950	Bus based motorhome
0	0.0	87981	Conventional bus
0	0.0	87982	Bus-flat front, front engine
0	0.0	87983	Bus-flat front, rear engine

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Variable 109:VEHICLE MAKE-MODEL (Continued)

02Sep10 Prcnt Code Value and Description

0	0.0	87988	Other bus
0	0.0	87989	Unknown bus
0	0.0	87998	Other vehicle
1	0.0	87999	Unknown Peterbilt
Iveco (-1991) / Magirus (-1985)			
0	0.0	88850	Truck based motorhome
0	0.0	88881	Med/Hvy CBE
0	0.0	88882	Med/Hvy COE low entry
0	0.0	88883	Med/Hvy COE high entry
0	0.0	88884	Med/Hvy unk engine location
0	0.0	88890	Med/Hvy COE unk entry position
0	0.0	88898	Other med/hvy trk
0	0.0	88899	Unk med/hvy trk
0	0.0	88950	Bus based motorhome
0	0.0	88981	Conventional bus
0	0.0	88982	Bus-flat front, front engine
0	0.0	88983	Bus-flat front, rear engine
0	0.0	88988	Other bus
0	0.0	88989	Unknown bus
0	0.0	88998	Other vehicle
0	0.0	88999	Unknown Iveco/Magirus

White/Autocar-White/GMC			
0	0.0	89850	Truck based motorhome
23	0.1	89881	Med/Hvy CBE
2	0.0	89882	Med/Hvy COE low entry
1	0.0	89883	Med/Hvy COE high entry
1	0.0	89884	Med/Hvy unk engine location
0	0.0	89890	Med/Hvy COE unk entry position
2	0.0	89898	Other med/hvy trk
0	0.0	89899	Unk med/hvy trk
0	0.0	89981	Conventional bus
0	0.0	89982	Bus-flat front, front engine
0	0.0	89983	Bus-flat front, rear engine
0	0.0	89988	Other bus
0	0.0	89998	Other vehicle
0	0.0	89999	Unknown White/Autocar-White GMC

Bluebird			
0	0.0	90461	Van based school/shuttle bus
11	0.0	90981	Conventional bus (engine out front)
1	0.0	90982	Bus-flat front, front engine
0	0.0	90983	Bus-flat front, rear engine
0	0.0	90988	Other bus
0	0.0	90999	Unknown Bluebird

Eagle Coach			
0	0.0	91981	Conventional bus (engine out front)
0	0.0	91982	Bus-flat front, front engine
0	0.0	91983	Bus-flat front, rear engine
0	0.0	91988	Other bus

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Variable 109:VEHICLE MAKE-MODEL (Continued)

02Sep10	Prcnt	Code	Value and Description
0	0.0	91999	Unknown Eagle Coach
			Gillig
22	0.0	92981	Conventional bus (engine out front)
0	0.0	92982	Bus-flat front, front engine
2	0.0	92983	Bus-flat front, rear engine
1	0.0	92988	Other bus
			MCI
24	0.1	93981	Conventional bus (engine out front)
1	0.0	93982	Bus-flat front, front engine
2	0.0	93983	Bus-flat front, rear engine
3	0.0	93988	Other bus
			Thomas Built
0	0.0	94461	Van based school/shuttle bus
20	0.0	94981	Conventional bus (engine out front)
0	0.0	94982	Bus-flat front, front engine
0	0.0	94983	Bus-flat front, rear engine
1	0.0	94988	Other bus
0	0.0	94999	Unknown Thomas Built
			Other Make
5	0.0	98398	Other automobile
2	0.0	98498	Other light truck
18	0.0	98701	Motorcycle 0-50cc
11	0.0	98703	Motorcycle 125-349cc
7	0.0	98705	Motorcycle 450-749cc
57	0.1	98706	Motorcycle 750cc & over
186	0.4	98709	Unknown cc
1	0.0	98731	ATC/ATV 0-50cc
1	0.0	98733	ATC/ATV 125-349cc
18	0.0	98734	ATC/ATV 350cc or greater
82	0.2	98739	ATC/ATV unknown cc
0	0.0	98802	AUTO-UNION-DKW
0	0.0	98803	DIVCO
36	0.1	98804	WESTERN STAR
3	0.0	98805	OSHKOSH
10	0.0	98806	HINO
0	0.0	98807	SCANIA
12	0.0	98808	UD
89	0.2	98809	Sterling
17	0.0	98850	Truck based motorhome
6	0.0	98881	Med/Hvy CBE
2	0.0	98882	Med/Hvy COE low entry
1	0.0	98883	Med/Hvy COE high entry
8	0.0	98884	Med/Hvy Unk engine location
7	0.0	98898	Other med/hvy trk
5	0.0	98902	NeoPlan bus
0	0.0	98903	Carpenter bus
0	0.0	98904	Collins Bus
0	0.0	98905	DINA

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Variable 109:VEHICLE MAKE-MODEL (Continued)

02Sep10	Prcnt	Code	Value and Description
0	0.0	98906	Mid Bus
13	0.0	98907	Orion
5	0.0	98908	Van Hool
35	0.1	98981	Conventional bus
11	0.0	98988	Other bus
0	0.0	98989	Unknown bus
117	0.3	98998	Other vehicle
2	0.0	98999	Unknown other make
Unknown Make			
0	0.0	99180	Unknown automobile
39	0.1	99399	Unknown automobile
13	0.0	99499	Unknown light truck
2	0.0	99701	Motorcycle 0-50cc
0	0.0	99702	Motorcycle 51-124cc
2	0.0	99703	Motorcycle 125-349cc
0	0.0	99704	Motorcycle 350-449cc
4	0.0	99705	Motorcycle 450-749cc
1	0.0	99706	Motorcycle 750cc & over
42	0.1	99709	Unknown cc
2	0.0	99731	ATC/ATV 0-50cc
0	0.0	99732	ATC/ATV 51-124cc
2	0.0	99733	ATC/ATV 125-349cc
2	0.0	99734	ATC/ATV 350-449cc
13	0.0	99739	Unknown ATC/ATV cc
0	0.0	99799	Unknown motored cycle
3	0.0	99850	Truck based motorhome
1	0.0	99881	Med/Hvy CBE
0	0.0	99882	Med/Hvy COE low entry
0	0.0	99883	Med/Hvy COE high entry
10	0.0	99884	Med/Hvy unk engine location
0	0.0	99890	Med/Hvy COE unk entry position
3	0.0	99898	Other med/hvy trk
2	0.0	99899	Unk med/hvy trk
1	0.0	99981	Conventional bus
0	0.0	99982	Bus front engine
0	0.0	99983	Bus rear engine
0	0.0	99988	Other bus
0	0.0	99989	Unknown bus
49	0.1	99998	Other vehicle
534	1.2	99999	Unknown unknown make

Variable 110	BODY TYPE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - BODY_TYP

02Sep10	Prcnt	Code	Value and Description

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Variable 110:BODY TYPE (Continued)

02Sep10	Prcnt	Code	Value and Description
Automobiles			
334	0.7	1	Convertible (excludes sunroof, t-bar)
2871	6.3	2	2-door sedan, hardtop, coupe
666	1.5	3	3-door/2-door hatchback
13100	28.8	4	4-door sedan, hardtop
268	0.6	5	5-door/4-door hatchback
893	2.0	6	Station wagon (excluding van and truck based)
11	0.0	7	Hatchback, number of doors unknown
29	0.1	8	Sedan/hardtop, number of doors unknown
163	0.4	9	Other or unknown automobile type
Automobile Derivatives			
15	0.0	10	Auto-based pickup
0	0.0	11	Auto-based panel
1	0.0	12	Large limousine - more than four side doors or stretch chassis
0	0.0	13	3-wheel automobile or automobile derivative
Utility Vehicles			
5101	11.2	14	Compact utility (ANSI D-16 utility vehicle categories "small and "midsize")
1504	3.3	15	Large utility (ANSI D-16 utility vehicle categories and "fullsize" and "large")
312	0.7	16	Utility station wagon (includes suburban limousines, Escalade ESV, Suburban, Travellall, Grand Wagoneer)
7	0.0	19	Utility, unknown body type
Van Based Light Trucks (GVWR <= 10,000 lbs)			
1811	4.0	20	Minivan
661	1.5	21	Large van - includes van-based buses)
11	0.0	22	Step-van or walk-in van
1	0.0	28	Other van type (Hi-Cube Van, Kary)
10	0.0	29	Unknown van type
Light Conventional Truck (Pickup-style cab, GVWR <= 10,000 lb			
2306	5.1	30	Compact pickup (GVWR < 4,500 lbs.)
6104	13.4	31	Standard pickup (GVWR 4,500 to 10,000 lbs.)
17	0.0	32	Pickup with slide-in camper
0	0.0	33	Convertible pickup
25	0.1	39	Unknown (pickup style) light conventional truck type
Other Light Conventional Truck (GVWR <= 10,000 lbs.)			
25	0.1	40	Cab chassis based (includes light stake, light dump, light tow, rescue vehicles)
1	0.0	41	Truck based panel
2	0.0	42	Light truck (van-based or pickup-based) motorhome
1	0.0	45	Other light conventional truck type (includes stretched suburban limousine)
1	0.0	48	Unknown light truck type (not a pickup)
4	0.0	49	Unknown light vehicle type (automobile, utility vehicle, van, or light truck)

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Variable 110:BODY TYPE (Continued)

02Sep10	Prcnt	Code	Value and Description
			Buses (excludes van based)
89	0.2	50	School bus
38	0.1	51	Cross country/intercity bus (ie, Greyhound)
77	0.2	52	Transit bus (city bus)
9	0.0	58	Other bus type
8	0.0	59	Unknown bus type
			Heavy/Medium Vehicles (GVWR > 10,000 lbs.)
15	0.0	60	Step van
198	0.4	61	Single unit straight truck (10,000 lbs < GVWR <or= 19,500 lbs)
189	0.4	62	Single unit straight truck (19,500 lbs < GVWR <or= 26,000 lbs)
541	1.2	63	Single unit straight truck (GVWR > 26,000 lbs)
8	0.0	64	Single unit straight truck (GVWR unknown)
26	0.1	65	Medium / heavy truck based motorhome
2161	4.8	66	Truck-tractor (cab only, or with any number of trailing units; any weight)
92	0.2	67	Medium / heavy pickup (Ford Super Duty 450/550)
0	0.0	71	Unknown if single unit or combination unit medium truck (10,000 < GVWR < 26,000 lbs)
2	0.0	72	Unknown if single unit or combination unit heavy truck (GVWR > 26,000 lbs)
22	0.0	73	Camper or motorhome, unknown truck type
9	0.0	78	Unknown medium/heavy truck type
0	0.0	79	Unknown truck type (light/medium/heavy)
			Motorcycles, Mopeds, All-Terrain Vehicles (ATV), All-Terrain
4348	9.6	80	Motorcycle
99	0.2	81	Moped (motorized bicycle)
10	0.0	82	3-wheel motorcycle or moped - not ATV
64	0.1	83	Off-road motorcycle (2 wheel)
65	0.1	88	Other motored cycle type (mini-bikes, motorscooters, pocket motorcycles, "pocket bikes")
9	0.0	89	Unknown motored cycle type
353	0.8	90	ATV (All-Terrain Vehicle; includes 3 or 4 wheels)
			Other Vehicles
38	0.1	91	Snowmobile
82	0.2	92	Farm equipment other than trucks
16	0.0	93	Construction equipment other than trucks (includes graders)
52	0.1	97	Other vehicle type (includes go-cart, fork-lift, city street sweeper, dune/swamp buggy, golf cart)
560	1.2	99	Unknown body type

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<u>Variable 111</u>	<u>MODEL YEAR</u>	Width: 4	Type: Numeric
		Dec: None	Miss: 9999

NHTSA SAS Variable - MOD_YEAR

02Sep10	Prcnt	Code	Value and Description
3	0.0	1929	1929
		-	
595	1.3	1990	1990
670	1.5	1991	1991
822	1.8	1992	1992
1075	2.4	1993	1993
1306	2.9	1994	1994
1728	3.8	1995	1995
1620	3.6	1996	1996
2000	4.4	1997	1997
2241	4.9	1998	1998
2635	5.8	1999	1999
2992	6.6	2000	2000
2898	6.4	2001	2001
2905	6.4	2002	2002
2889	6.4	2003	2003
2947	6.5	2004	2004
3023	6.7	2005	2005
3068	6.8	2006	2006
3084	6.8	2007	2007
2461	5.4	2008	2008
1207	2.7	2009	2009
135	0.3	2010	2010
846	1.9	9999	Unknown

<u>Variable 112</u>	<u>VIN</u>	Width: 12	Type: Alphabetic
		Dec: None	Miss: None

NHTSA SAS Variable - VIN

VEHICLE ID NUMBER - 1ST 12 POSITIONS

<u>Variable 113</u>	<u>VIN - LETTER #1</u>	Width: 1	Type: Alphabetic
		Dec: None	Miss: None

NHTSA SAS Variable - VIN_1

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<u>Variable 114</u>	<u>VIN - LETTER #2</u>	Width: 1	Type: Alphabetic
		Dec: None	Miss: None

NHTSA SAS Variable - VIN_2

<u>Variable 115</u>	<u>VIN - LETTER #3</u>	Width: 1	Type: Alphabetic
		Dec: None	Miss: None

NHTSA SAS Variable - VIN_3

<u>Variable 116</u>	<u>VIN - LETTER #4</u>	Width: 1	Type: Alphabetic
		Dec: None	Miss: None

NHTSA SAS Variable - VIN_4

<u>Variable 117</u>	<u>VIN - LETTER #5</u>	Width: 1	Type: Alphabetic
		Dec: None	Miss: None

NHTSA SAS Variable - VIN_5

<u>Variable 118</u>	<u>VIN - LETTER #6</u>	Width: 1	Type: Alphabetic
		Dec: None	Miss: None

NHTSA SAS Variable - VIN_6

<u>Variable 119</u>	<u>VIN - LETTER #7</u>	Width: 1	Type: Alphabetic
		Dec: None	Miss: None

NHTSA SAS Variable - VIN_7

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<u>Variable 120</u>	<u>VIN - LETTER #8</u>	Width: 1	Type: Alphabetic
		Dec: None	Miss: None

NHTSA SAS Variable - VIN_8

<u>Variable 121</u>	<u>VIN - LETTER #9</u>	Width: 1	Type: Alphabetic
		Dec: None	Miss: None

NHTSA SAS Variable - VIN_9

<u>Variable 122</u>	<u>VIN - LETTER #10</u>	Width: 1	Type: Alphabetic
		Dec: None	Miss: None

NHTSA SAS Variable - VIN_10

<u>Variable 123</u>	<u>REGISTRATION STATE</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - REG_STAT

02Sep10	Prcnt	Code	Value and Description
466	1.0	0	Not applicable
1054	2.3	1	Alabama
88	0.2	2	Alaska
857	1.9	4	Arizona
681	1.5	5	Arkansas
3806	8.4	6	California
656	1.4	8	Colorado
289	0.6	9	Connecticut
136	0.3	10	Delaware
26	0.1	11	District of Columbia
3409	7.5	12	Florida
1521	3.3	13	Georgia
0	0.0	14	Guam
128	0.3	15	Hawaii
295	0.6	16	Idaho
1379	3.0	17	Illinois
1031	2.3	18	Indiana
495	1.1	19	Iowa
502	1.1	20	Kansas
1000	2.2	21	Kentucky
926	2.0	22	Louisiana
212	0.5	23	Maine

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Variable 123:REGISTRATION STATE (Continued)

02Sep10	Prcnt	Code	Value and Description
739	1.6	24	Maryland
451	1.0	25	Massachusetts
1170	2.6	26	Michigan
564	1.2	27	Minnesota
746	1.6	28	Mississippi
1003	2.2	29	Missouri
266	0.6	30	Montana
324	0.7	31	Nebraska
285	0.6	32	Nevada
140	0.3	33	New Hampshire
791	1.7	34	New Jersey
374	0.8	35	New Mexico
1423	3.1	36	New York
1709	3.8	37	North Carolina
142	0.3	38	North Dakota
1454	3.2	39	Ohio
884	1.9	40	Oklahoma
430	0.9	41	Oregon
1711	3.8	42	Pennsylvania
0	0.0	43	Puerto Rico
99	0.2	44	Rhode Island
1099	2.4	45	South Carolina
140	0.3	46	South Dakota
1287	2.8	47	Tennessee
3892	8.6	48	Texas
333	0.7	49	Utah
93	0.2	50	Vermont
944	2.1	51	Virginia
0	0.0	52	Virgin Islands
663	1.5	53	Washington
402	0.9	54	West Virginia
701	1.5	55	Wisconsin
120	0.3	56	Wyoming
846	1.9	92	No registration
343	0.8	93	Multiple state registration
24	0.1	94	U.S. government tags (includes military)
57	0.1	95	Canada
22	0.0	96	Mexico
4	0.0	97	Other Foreign country
29	0.1	98	Other registration (includes Native American Indian Nations)
774	1.7	99	Unknown

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<u>Variable 124</u>	<u>REGISTERED VEHICLE OWNER</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - OWNER

02Sep10	Prcnt	Code	Value and Description
1307	2.9	0	N/A, vehicle not registered
25754	56.7	1	Driver (in this crash) was registered owner
12734	28.0	2	Driver (in this crash) not registered owner (other private owner listed)
4285	9.4	3	Veh registered as business/company/government vehicle
248	0.5	4	Vehicle registered as rental vehicle
97	0.2	5	Vehicle was stolen (reported by police)
132	0.3	6	Driverless / motor vehicle parked / stopped off roadway
878	1.9	9	Unknown

<u>Variable 125</u>	<u>ROLLOVER TRIPPED</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - ROLLOVER

Note: Rollover code values and descriptions change to Rollover
Tripped code values and descriptions in 2009

02Sep10	Prcnt	Code	Value and Description
36703	80.8	0	No rollover
6203	13.7	1	Rollover, tripped by object/vehicle
1964	4.3	2	Rollover, untripped
565	1.2	9	Rollover, unknown type

<u>Variable 126</u>	<u>ROLLOVER LOCATION</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - ROLINLOC

Location of the trip point or start of the vehicle's roll

02Sep10	Prcnt	Code	Value and Description
36703	80.8	0	No rollover
1768	3.9	1	On roadway
963	2.1	2	On shoulder
609	1.3	3	On median / separator
92	0.2	4	In gore
3775	8.3	5	On roadside
1289	2.8	6	Outside of trafficway
236	0.5	9	Unknown

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<u>Variable 127</u>	<u>JACKKNIFE</u>	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - J_KNIFE

Identifies the loss of control of the vehicle in motion where the trailer yaws more than 15 degrees from its normal straight line path behind the power unit.

02Sep10 Prcnt Code Value and Description

42778	94.2	0	Not an articulated vehicle
2474	5.4	1	No
47	0.1	2	Yes, first event
136	0.3	3	Yes, subsequent event

<u>Variable 128</u>	<u>TRAVEL SPEED</u>	Width: 3	Type: Numeric
		Dec: None	Miss: 999

NHTSA SAS Variable - TRAV_SP

02Sep10 Prcnt Code Value and Description

1217	2.7	0	Stopped motor vehicle in-transport
13	0.0	1	-
			Actual miles per hour
1	0.0	150	
9	0.0	997	Greater than 151 mph
20510	45.1	998	Not reported
5169	11.4	999	Unknown

<u>Variable 129</u>	<u>VEHICLE TRAILING</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - TOW_VEH

Trailing unit applies to any device connected to a motor vehicle by a hitch, including tractor-trailer combinations, boat hitched onto a motor-vehicle, etc. This does not include towed vehicles, such as a tow truck pulling a vehicle.

02Sep10 Prcnt Code Value and Description

42714	94.0	0	No trailing units
2551	5.6	1	One trailing unit
88	0.2	2	Two trailing units
3	0.0	3	Three or more trailing units
3	0.0	4	Yes, number of trailing units unknown
21	0.0	5	Vehicle towing another motor vehicle - fixed linkage
6	0.0	6	Vehicle towing another motor vehicle - non-fixed linkage
49	0.1	9	Unknown

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<u>Variable 130</u>	<u>VEHICLE CONFIGURATION</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - V_CONFIG

02Sep10	Prcnt	Code	Value and Description
41863	92.1	0	Not applicable, not a medium/heavy truck, bus or vehicle displaying a hazardous material placard
553	1.2	1	Single Unit Truck (SUT): 2 axles, 6 tires
325	0.7	2	SUT: 3 or more axles
117	0.3	3	SUT: unk number of axles, tires
92	0.2	4	Truck/trailer(s)
54	0.1	5	Truck tractor (bobtail)
1950	4.3	6	Tractor/semi-trailer (1 trailer)
86	0.2	7	Tractor/Doubles (two trailers)
3	0.0	8	Tractor/Triples (three trailers)
78	0.2	19	Medium / heavy truck, cannot classify
28	0.1	20	Bus (seats for 9-15 people, including driver)
221	0.5	21	Bus (seats for 16 or more people, including driver)
3	0.0	70	Light truck (van, minivan, panel, pickup, sport utility vehicle displaying a hazardous materials placard)
0	0.0	80	Passenger car (only when displaying a hazardous materials placard)
62	0.1	99	Unknown if light or medium/heavy trk/bus

<u>Variable 131</u>	<u>NUMBER OF AXLES</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - AXLES - dropped in 2008

<u>Variable 132</u>	<u>CARGO BODY TYPE</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - CARGO_BT

02Sep10	Prcnt	Code	Value and Description
41865	92.1	0	Not applicable
1522	3.3	1	Van/enclosed box
277	0.6	2	Cargo tank
368	0.8	3	Flatbed
265	0.6	4	Dump
24	0.1	5	Concrete mixer
28	0.1	6	Auto transporter
84	0.2	7	Garbage/refuse
94	0.2	8	Grain/chips/gravel

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Variable 132: CARGO BODY TYPE (Continued)

02Sep10 Prcnt Code Value and Description

21	0.0	9	Pole - trailer
32	0.1	10	Log
5	0.0	11	Intermodal container chassis
8	0.0	12	Vehicle towing another motor vehicle
249	0.5	22	Bus (seats 9 or more persons, including driver)
174	0.4	96	No cargo body type
170	0.4	97	Other
184	0.4	98	Unknown cargo body type
65	0.1	99	Unknown

Variable 133	SPECIAL USE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - SPEC_USE

Indicates that the vehicle was used for a function other than the primary function for which it was designed.

02Sep10 Prcnt Code Value and Description

45197	99.5	0	No special use
32	0.1	1	Taxi
6	0.0	2	Vehicle used as school bus
9	0.0	3	Vehicle used as other bus
1	0.0	4	Military
83	0.2	5	Police
29	0.1	6	Ambulance
14	0.0	7	Fire truck
9	0.0	8	Emergency services vehicle
55	0.1	9	Unknown

Variable 134	EMERGENCY USE	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - EMER_USE

Emergency Use indicates operation of any motor vehicle that is legally authorized by a government authority to respond to emergencies with or without the use of emergency warning equipment, such as a police vehicle, fire truck or ambulance while actually engaged in such response

Also refers to an official motor vehicle that is usually traveling with emergency signals in use, typically red light blinking, siren sounding, etc.

Variable 134:EMERGENCY USE (Continued)

02Sep10 Prcnt Code Value and Description

45310	99.7	0	No
74	0.2	1	Yes
51	0.1	9	Unknown

Variable 135	IMPACT POINT - INITIAL	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - IMPACT1

02Sep10 Prcnt Code Value and Description

2185	4.8	0	Noncollision
1928	4.2	1	1 o'clock
918	2.0	2	2 o'clock
2705	6.0	3	3 o'clock
386	0.8	4	4 o'clock
419	0.9	5	5 o'clock
2339	5.1	6	6 o'clock
525	1.2	7	7 o'clock
445	1.0	8	8 o'clock
3094	6.8	9	9 o'clock
981	2.2	10	10 o'clock
2460	5.4	11	11 o'clock
24516	54.0	12	12 o'clock
331	0.7	13	Top
918	2.0	14	Undercarriage
			Special conditions
118	0.3	18	This vehicle set something in motion causing injury or damage (not a clock point)
1167	2.6	99	Unknown

Variable 136	IMPACT POINT - PRINCIPAL	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - IMPACT2

02Sep10 Prcnt Code Value and Description

2185	4.8	0	Noncollision
1785	3.9	1	1 o'clock
870	1.9	2	2 o'clock
2829	6.2	3	3 o'clock
402	0.9	4	4 o'clock
410	0.9	5	5 o'clock
2198	4.8	6	6 o'clock
522	1.1	7	7 o'clock

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Variable 136: IMPACT POINT - PRINCIPAL (Continued)

02Sep10	Prcnt	Code	Value and Description
441	1.0	8	8 o'clock
3296	7.3	9	9 o'clock
944	2.1	10	10 o'clock
2191	4.8	11	11 o'clock
23984	52.8	12	12 o'clock
1162	2.6	13	Top
623	1.4	14	Undercarriage
Special conditions			
183	0.4	18	This vehicle set something in motion causing injury or damage (not a clock point)
1410	3.1	99	Unknown

Variable 137	UNDERRIDE/OVERRIDE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - UNDERIDE

02Sep10	Prcnt	Code	Value and Description
45006	99.1	0	No underide or override
Underiding a Motor Vehicle in-Transport			
139	0.3	1	Underide, compartment intrusion
52	0.1	2	Underide, no compartment intrusion
55	0.1	3	Underide, compartment intrusion unknown
Underiding a Motor Vehicle NOT in-Transport			
14	0.0	4	Underide, compartment intrusion
2	0.0	5	Underide, no compartment intrusion
7	0.0	6	Underide, compartment intrusion unknown
122	0.3	7	Overriding a motor vehicle in-transport
1	0.0	8	Overriding a motor vehicle NOT in-transport
37	0.1	9	Unknown if underide or override

Variable 138	EXTENT OF DAMAGE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - DEFORMED

Note: Extent of Deformation changed to Extent of Damage in 2009.

02Sep10	Prcnt	Code	Value and Description
885	1.9	0	No damage

Variable 138:EXTENT OF DAMAGE (Continued)

02Sep10 Prcnt Code Value and Description

3538	7.8	2	Minor damage
5207	11.5	4	Functional damage
34602	76.2	6	Disabling damage
1203	2.6	9	Unknown

Variable 139	VEHICLE ROLE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - IMPACTS

02Sep10 Prcnt Code Value and Description

2185	4.8	0	Noncollision
29056	64.0	1	Striking
12279	27.0	2	Struck
1804	4.0	3	Both
111	0.2	9	Unknown

Variable 140	VEHICLE REMOVAL	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - TOWED

Note: Manner of Leaving Scene changed to Vehicle Removal in 2009.

02Sep10 Prcnt Code Value and Description

4676	10.3	1	Driven away
34808	76.6	2	Towed due to disabling damage
5076	11.2	3	Towed not due to disabling damage
120	0.3	4	Abandoned / left at scene
755	1.7	9	Unknown

Variable 141	FIRE OCCURRENCE	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - FIRE_EXP

02Sep10 Prcnt Code Value and Description

44114	97.1	0	No or not reported
1321	2.9	1	Yes (this vehicle sustained fire damage)

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<u>Variable 142</u>	<u>VEH RELATED FACTORS #1</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - VEH_CF1

Related Factors at Vehicle Level - Response #1

02Sep10 Prcnt Code Value and Description

43889 96.6 0 None

Pre-existing Vehicle Defects or Conditions Noted:

511	1.1	1	Tires
88	0.2	2	Brake system
15	0.0	3	Steering system - includes tie-rod, kingpin, ball-joint, etc.
13	0.0	4	Suspension - includes springs, shock-absorbers, MacPherson-struts, axle bearing, control-arm, etc.
13	0.0	5	Power train - includes universal-joint, drive-shaft, transmission, etc.
1	0.0	6	Exhaust system
32	0.1	7	Headlights
5	0.0	8	Signal lights
9	0.0	9	Other lights
1	0.0	10	Horn
1	0.0	11	Mirrors
2	0.0	12	Wipers
3	0.0	13	Driver seating and control
4	0.0	14	Body, doors, hood, other
9	0.0	15	Trailer hitch
8	0.0	16	Wheels
4	0.0	17	Air bag
41	0.1	18	Other vehicle defects
7	0.0	19	Safety belts

Special Vehicle Flags identify this vehicle as one with special circumstances. They do not necessarily imply that this circumstance caused the crash:

180	0.4	32	Vehicle registration for handicapped
9	0.0	33	Vehicle being pushed by nonmotorist
24	0.1	35	Reconstructed/altered vehicle
73	0.2	36	Electric / alternative fuel vehicle
2	0.0	37	Transporting children to/from Head Start/Day Care (vehicle owned/operated by Head Start/Day Care)
9	0.0	39	Highway construction, maintenance or utility vehicle, in-transport (inside or outside work zone)
0	0.0	40	Highway incident response vehicle
10	0.0	41	Police, fire, or EMS vehicle working at the scene of an emergency or performing other traffic control activities
11	0.0	42	Other working vehicle (not construction, maintenance, utility, police, fire, or EMS vehicle)
1	0.0	44	Adaptive equipment
460	1.0	99	Unknown

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Variable 143	VEH RELATED FACTORS #2	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - VEH_CF2

Related Factors at Vehicle Level - Response #2

02Sep10 Prcnt Code Value and Description

44922 98.9 0 None

Pre-existing Vehicle Defects or Conditions Noted:

3	0.0	1	Tires
16	0.0	2	Brake system
4	0.0	3	Steering system - includes tie-rod, kingpin, ball-joint, etc.
8	0.0	4	Suspension - includes springs, shock-absorbers, MacPherson-struts, axle bearing, control-arm, etc.
0	0.0	5	Power train / engine - includes universal-joint, drive-shaft, transmission, etc.
0	0.0	6	Exhaust system
0	0.0	7	Headlights
0	0.0	8	Signal lights
5	0.0	9	Other lights
0	0.0	10	Horn
0	0.0	11	Mirrors
1	0.0	12	Wipers
0	0.0	13	Driver seating and control
0	0.0	14	Body, doors, hood, other
1	0.0	15	Trailer hitch
0	0.0	16	Wheels
1	0.0	17	Airbags
2	0.0	18	Other vehicle defects
1	0.0	19	Safety belts

Special Vehicle Flags identify this vehicle as one with special circumstances. They do not necessarily imply that this circumstance caused the crash:

1	0.0	32	Vehicle registration for handicapped
0	0.0	33	Vehicle being pushed by nonmotorist
4	0.0	35	Reconstructed/alterd vehicle
1	0.0	36	Electric / alternative fuel vehicle
0	0.0	37	Transporting children to/from Head Start/Day Care (vehicle owned/operated by Head Start/Day Care)
0	0.0	39	Highway construction, maintenance or utility vehicle, in-transport (inside or outside work zone)
0	0.0	40	Highway incident response vehicle
0	0.0	41	Police, fire, or EMS vehicle working at the scene of an emergency or performing other traffic control activities
1	0.0	42	Other working vehicle (not construction, maintenance, utility, police, fire, or EMS vehicle)
4	0.0	44	Adaptive equipment

460 1.0 99 Unknown

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Variable 144	EVENT #1	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - SEQ1

Sequence of Events #1

02Sep10	Prcnt	Code	Value and Description
748	1.6	1	Overturn/rollover
3	0.0	2	Fire/explosion
5	0.0	3	Immersion
0	0.0	4	Gas inhalation
174	0.4	5	Fell/jumped from vehicle
4	0.0	6	Injured in vehicle (other than cargo/equipment loss or shift)
133	0.3	7	Other noncollision
3817	8.4	8	Pedestrian
601	1.3	9	Pedalcycle
120	0.3	10	Railway train
179	0.4	11	Live animal
20954	46.1	12	Motor vehicle in-transport on same roadway
78	0.2	13	Motor vehicle in-transport on different roadway
117	0.3	14	Parked motor vehicle or motor vehicle stopped off roadway
99	0.2	15	Nonmotorist on personal conveyance
33	0.1	16	Thrown or falling object (other than cargo/equipment loss or shift)
3	0.0	17	Boulder
113	0.2	18	Other object (not fixed)
3	0.0	19	Building
4	0.0	20	Impact attenuator/crash cushion
15	0.0	21	Bridge pier or abutment
2	0.0	22	Bridge parapet end
15	0.0	23	Bridge rail
64	0.1	24	Guardrail face
50	0.1	25	Concrete traffic barrier
14	0.0	26	Other traffic barrier
16	0.0	27	Highway/traffic sign post/sign
10	0.0	28	Overhead sign support/sign
4	0.0	29	Luminaire/light support
33	0.1	30	Utility pole
18	0.0	31	Other post, other pole or other supports
23	0.1	32	Culvert
147	0.3	33	Curb
46	0.1	34	Ditch
59	0.1	35	Embankment - earth
7	0.0	36	Embankment - rock, stone or concrete
23	0.1	37	Embankment - material type unknown
8	0.0	38	Fence
3	0.0	39	Wall
2	0.0	40	Fire hydrant
0	0.0	41	Shrubbery
132	0.3	42	Tree (standing tree only)
28	0.1	43	Other fixed object
18	0.0	44	Pavement surface irregularity (pothole, grooved, grates)

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Variable 144:EVENT #1 (Continued)

02Sep10	Prcnt	Code	Value and Description
12	0.0	45	Working motor vehicle (construction, maintenance or utility vehicle only)
7	0.0	46	Traffic signal support/signal
10	0.0	47	Vehicle occupant struck or run over by own vehicle
0	0.0	48	Snow bank
12	0.0	49	Ridden animal or animal-drawn conveyance
2	0.0	50	Bridge overhead structure
24	0.1	51	Jackknife
6	0.0	52	Guardrail end
13	0.0	53	Mail box
304	0.7	54	Motor vehicle in-transport strikes or is struck by cargo, persons, or objects set-in-motion from/by another motor vehicle in-transport
0	0.0	55	Motor vehicle in motion outside the trafficway
0	0.0	57	Cable barrier
22	0.0	60	Cargo/equipment loss or shift
137	0.3	61	Equipment failure (blown tire, brake failure, etc.)
8	0.0	62	Separation of units
7987	17.6	63	Ran off road - right
3317	7.3	64	Ran off road - left
5584	12.3	65	Cross median/centerline
7	0.0	66	Downhill runaway
25	0.1	67	Vehicle went airborne
33	0.1	99	Unknown

The following list shows the code values given above grouped by collision type.

Noncollision Event

- 1 Overturn/rollover
- 2 Fire/explosion
- 3 Immersion
- 4 Gas inhalation
- 5 Fell/jumped from vehicle
- 6 Injured in vehicle (other than cargo/equipment loss or shift)
- 7 Other noncollision
- 16 Thrown or falling object (other than cargo/equipment loss or shift)
- 44 Pavement surface irregularity (pothole, grooved, grates)
- 47 Vehicle occupant struck or run over by own vehicle
- 51 Jackknife
- 60 Cargo/equipment loss or shift
- 61 Equipment failure (blown tire, brake failure, etc.)
- 62 Separation of units
- 63 Ran off road - right
- 64 Ran off road - left
- 65 Cross median/centerline
- 66 Downhill runaway
- 67 Vehicle went airborne

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Variable 144:EVENT #1 (Continued)

02Sep10 Prcnt Code Value and Description

Collision With Motor Vehicle

Collision Involving Motor Vehicle In-Transport

- 12 Motor vehicle in-transport on same roadway
- 13 Motor vehicle in-transport on different roadway
- 54 Motor vehicle in-transport strikes or is struck by cargo, persons, or objects set-in-motion from/by another motor vehicle in-transport
- 55 Motor vehicle in motion outside the trafficway

Collision Involving Motor Vehicle NOT In-Transport

- 14 Parked motor vehicle or motor vehicle stopped off roadway
- 45 Working motor vehicle (construction, maintenance or utility vehicle only)

Collision With Object Not Fixed

- 8 Pedestrian
- 9 Pedalcycle
- 10 Railway train
- 11 Live animal
- 15 Nonmotorist on personal conveyance
- 18 Other object (not fixed)
- 49 Ridden animal or animal-drawn conveyance

Collision With Fixed Object

- 17 Boulder
- 19 Building
- 20 Impact attenuator/crash cushion
- 21 Bridge pier or abutment
- 22 Bridge parapet end
- 23 Bridge rail
- 24 Guardrail face
- 25 Concrete traffic barrier
- 57 Cable barrier
- 26 Other traffic barrier
- 27 Highway/traffic sign post/sign
- 28 Overhead sign support/sign
- 29 Luminaire/light support
- 30 Utility pole
- 31 Other post, pole or supports
- 32 Culvert
- 33 Curb
- 34 Ditch
- 35 Embankment - earth
- 36 Embankment - rock, stone or concrete
- 37 Embankment - material type unknown
- 38 Fence
- 39 Wall
- 40 Fire hydrant
- 41 Shrubbery
- 42 Tree
- 43 Other fixed object

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Variable 144:EVENT #1 (Continued)

02Sep10 Prcnt Code Value and Description

46 Traffic signal support/signal
48 Snow bank
50 Bridge overhead structure
52 Guardrail end
53 Mail box

Variable 145	EVENT #2	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - SEQ2

Sequence of Events #2

02Sep10 Prcnt Code Value and Description

19061	42.0	0	No Event
2616	5.8	1	Overturn/rollover
268	0.6	2	Fire/explosion
25	0.1	3	Immersion
0	0.0	4	Gas inhalation
73	0.2	5	Fell/jumped from vehicle
2	0.0	6	Injured in vehicle (other than cargo/equipment loss or shift)
29	0.1	7	Other noncollision
412	0.9	8	Pedestrian
62	0.1	9	Pedalcycle
4	0.0	10	Railway train
11	0.0	11	Live animal
4632	10.2	12	Motor vehicle in-transport on same roadway
120	0.3	13	Motor vehicle in-transport on different roadway
275	0.6	14	Parked motor vehicle or motor vehicle stopped off roadway
5	0.0	15	Nonmotorist on personal conveyance
3	0.0	16	Thrown or falling object (other than cargo/equipment loss or shift)
49	0.1	17	Boulder
70	0.2	18	Other object (not fixed)
54	0.1	19	Building
25	0.1	20	Impact attenuator/crash cushion
74	0.2	21	Bridge pier or abutment
18	0.0	22	Bridge parapet end
71	0.2	23	Bridge rail
677	1.5	24	Guardrail face
268	0.6	25	Concrete traffic barrier
43	0.1	26	Other traffic barrier
393	0.9	27	Highway/traffic sign post/sign
15	0.0	28	Overhead sign support/sign
88	0.2	29	Luminaire/light support
525	1.2	30	Utility pole
180	0.4	31	Other post, other pole or other supports
329	0.7	32	Culvert

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Variable 145:EVENT #2 (Continued)

02Sep10	Prcnt	Code	Value and Description
842	1.9	33	Curb
912	2.0	34	Ditch
313	0.7	35	Embankment - earth
66	0.1	36	Embankment - rock, stone or concrete
281	0.6	37	Embankment - material type unknown
306	0.7	38	Fence
105	0.2	39	Wall
24	0.1	40	Fire hydrant
39	0.1	41	Shrubbery
1578	3.5	42	Tree (standing tree only)
221	0.5	43	Other fixed object
2	0.0	44	Pavement surface irregularity (pothole, grooved, grates)
8	0.0	45	Working motor vehicle (construction, maintenance or utility vehicle only)
47	0.1	46	Traffic signal support/signal
11	0.0	47	Vehicle occupant struck or run over by own vehicle
15	0.0	48	Snow bank
2	0.0	49	Ridden animal or animal-drawn conveyance
6	0.0	50	Bridge overhead structure
50	0.1	51	Jackknife
126	0.3	52	Guardrail end
222	0.5	53	Mail box
102	0.2	54	Motor vehicle in-transport strikes or is struck by cargo, persons, or objects set-in-motion from/by another motor vehicle in-transport
0	0.0	55	Motor vehicle in motion outside the trafficway
26	0.1	57	Cable barrier
22	0.0	60	Cargo/equipment loss or shift
14	0.0	61	Equipment failure (blown tire, brake failure, etc.)
24	0.1	62	Separation of units
3646	8.0	63	Ran off road - right
3438	7.6	64	Ran off road - left
2250	5.0	65	Cross median/centerline
4	0.0	66	Downhill runaway
219	0.5	67	Vehicle went airborne
37	0.1	99	Unknown

Variable 146	EVENT #3	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - SEQ3

Sequence of Events #3

02Sep10	Prcnt	Code	Value and Description
28676	63.1	0	No Event
3311	7.3	1	Overturn/rollover
367	0.8	2	Fire/explosion

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Variable 146:EVENT #3 (Continued)

02Sep10	Prcnt	Code	Value and Description
85	0.2	3	Immersion
0	0.0	4	Gas inhalation
58	0.1	5	Fell/jumped from vehicle
0	0.0	6	Injured in vehicle (other than cargo/equipment loss or shift)
29	0.1	7	Other noncollision
192	0.4	8	Pedestrian
9	0.0	9	Pedalcycle
4	0.0	10	Railway train
0	0.0	11	Live animal
1279	2.8	12	Motor vehicle in-transport on same roadway
137	0.3	13	Motor vehicle in-transport on different roadway
194	0.4	14	Parked motor vehicle or motor vehicle stopped off roadway
2	0.0	15	Nonmotorist on personal conveyance
0	0.0	16	Thrown or falling object (other than cargo/equipment loss or shift)
45	0.1	17	Boulder
55	0.1	18	Other object (not fixed)
80	0.2	19	Building
5	0.0	20	Impact attenuator/crash cushion
51	0.1	21	Bridge pier or abutment
10	0.0	22	Bridge parapet end
64	0.1	23	Bridge rail
457	1.0	24	Guardrail face
170	0.4	25	Concrete traffic barrier
17	0.0	26	Other traffic barrier
382	0.8	27	Highway/traffic sign post/sign
11	0.0	28	Overhead sign support/sign
105	0.2	29	Luminaire/light support
527	1.2	30	Utility pole
154	0.3	31	Other post, other pole or other supports
257	0.6	32	Culvert
334	0.7	33	Curb
685	1.5	34	Ditch
308	0.7	35	Embankment - earth
59	0.1	36	Embankment - rock, stone or concrete
282	0.6	37	Embankment - material type unknown
518	1.1	38	Fence
108	0.2	39	Wall
34	0.1	40	Fire hydrant
55	0.1	41	Shrubbery
1756	3.9	42	Tree (standing tree only)
250	0.6	43	Other fixed object
0	0.0	44	Pavement surface irregularity (pothole, grooved, grates)
3	0.0	45	Working motor vehicle (construction, maintenance or utility vehicle only)
50	0.1	46	Traffic signal support/signal
10	0.0	47	Vehicle occupant struck or run over by own vehicle
14	0.0	48	Snow bank
0	0.0	49	Ridden animal or animal-drawn conveyance
1	0.0	50	Bridge overhead structure
39	0.1	51	Jackknife

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Variable 146:EVENT #3 (Continued)

02Sep10	Prcnt	Code	Value and Description
41	0.1	52	Guardrail end
140	0.3	53	Mail box
49	0.1	54	Motor vehicle in-transport strikes or is struck by cargo, persons, or objects set-in-motion from/by another motor vehicle in-transport
0	0.0	55	Motor vehicle in motion outside the trafficway
19	0.0	57	Cable barrier
16	0.0	60	Cargo/equipment loss or shift
4	0.0	61	Equipment failure (blown tire, brake failure, etc.)
27	0.1	62	Separation of units
986	2.2	63	Ran off road - right
1689	3.7	64	Ran off road - left
637	1.4	65	Cross median/centerline
5	0.0	66	Downhill runaway
547	1.2	67	Vehicle went airborne
36	0.1	99	Unknown

Variable 147	EVENT #4	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - SEQ4

Sequence of Events #4

02Sep10	Prcnt	Code	Value and Description
36190	79.7	0	No Event
2360	5.2	1	Overturn/rollover
328	0.7	2	Fire/explosion
102	0.2	3	Immersion
0	0.0	4	Gas inhalation
50	0.1	5	Fell/jumped from vehicle
0	0.0	6	Injured in vehicle (other than cargo/equipment loss or shift)
12	0.0	7	Other noncollision
92	0.2	8	Pedestrian
6	0.0	9	Pedalcycle
1	0.0	10	Railway train
3	0.0	11	Live animal
389	0.9	12	Motor vehicle in-transport on same roadway
68	0.1	13	Motor vehicle in-transport on different roadway
131	0.3	14	Parked motor vehicle or motor vehicle stopped off roadway
0	0.0	15	Nonmotorist on personal conveyance
0	0.0	16	Thrown or falling object (other than cargo/equipment loss or shift)
28	0.1	17	Boulder
37	0.1	18	Other object (not fixed)
80	0.2	19	Building
0	0.0	20	Impact attenuator/crash cushion

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Variable 147:EVENT #4 (Continued)

02Sep10	Prcnt	Code	Value and Description
26	0.1	21	Bridge pier or abutment
2	0.0	22	Bridge parapet end
32	0.1	23	Bridge rail
234	0.5	24	Guardrail face
73	0.2	25	Concrete traffic barrier
13	0.0	26	Other traffic barrier
172	0.4	27	Highway/traffic sign post/sign
11	0.0	28	Overhead sign support/sign
51	0.1	29	Luminaire/light support
326	0.7	30	Utility pole
94	0.2	31	Other post, other pole or other supports
110	0.2	32	Culvert
96	0.2	33	Curb
345	0.8	34	Ditch
167	0.4	35	Embankment - earth
25	0.1	36	Embankment - rock, stone or concrete
160	0.4	37	Embankment - material type unknown
405	0.9	38	Fence
77	0.2	39	Wall
22	0.0	40	Fire hydrant
47	0.1	41	Shrubbery
1282	2.8	42	Tree (standing tree only)
182	0.4	43	Other fixed object
0	0.0	44	Pavement surface irregularity (pothole, grooved, grates)
2	0.0	45	Working motor vehicle (construction, maintenance or utility vehicle only)
26	0.1	46	Traffic signal support/signal
10	0.0	47	Vehicle occupant struck or run over by own vehicle
9	0.0	48	Snow bank
0	0.0	49	Ridden animal or animal-drawn conveyance
5	0.0	50	Bridge overhead structure
20	0.0	51	Jackknife
19	0.0	52	Guardrail end
62	0.1	53	Mail box
51	0.1	54	Motor vehicle in-transport strikes or is struck by cargo, persons, or objects set-in-motion from/by another motor vehicle in-transport
0	0.0	55	Motor vehicle in motion outside the trafficway
9	0.0	57	Cable barrier
22	0.0	60	Cargo/equipment loss or shift
1	0.0	61	Equipment failure (blown tire, brake failure, etc.)
27	0.1	62	Separation of units
317	0.7	63	Ran off road - right
426	0.9	64	Ran off road - left
200	0.4	65	Cross median/centerline
3	0.0	66	Downhill runaway
360	0.8	67	Vehicle went airborne
37	0.1	99	Unknown

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<u>Variable 148</u>	<u>EVENT #5</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - SEQ5

Sequence of Events #5

02Sep10 Prcnt Code Value and Description

41058	90.4	0	No Event
1373	3.0	1	Overturn/rollover
179	0.4	2	Fire/explosion
66	0.1	3	Immersion
0	0.0	4	Gas inhalation
21	0.0	5	Fell/jumped from vehicle
1	0.0	6	Injured in vehicle (other than cargo/equipment loss or shift)
5	0.0	7	Other noncollision
43	0.1	8	Pedestrian
2	0.0	9	Pedalcycle
1	0.0	10	Railway train
0	0.0	11	Live animal
151	0.3	12	Motor vehicle in-transport on same roadway
36	0.1	13	Motor vehicle in-transport on different roadway
85	0.2	14	Parked motor vehicle or motor vehicle stopped off roadway
0	0.0	15	Nonmotorist on personal conveyance
0	0.0	16	Thrown or falling object (other than cargo/equipment loss or shift)
15	0.0	17	Boulder
23	0.1	18	Other object (not fixed)
46	0.1	19	Building
1	0.0	20	Impact attenuator/crash cushion
17	0.0	21	Bridge pier or abutment
1	0.0	22	Bridge parapet end
11	0.0	23	Bridge rail
82	0.2	24	Guardrail face
30	0.1	25	Concrete traffic barrier
1	0.0	26	Other traffic barrier
50	0.1	27	Highway/traffic sign post/sign
3	0.0	28	Overhead sign support/sign
20	0.0	29	Luminaire/light support
158	0.3	30	Utility pole
42	0.1	31	Other post, other pole or other supports
31	0.1	32	Culvert
19	0.0	33	Curb
115	0.3	34	Ditch
53	0.1	35	Embankment - earth
8	0.0	36	Embankment - rock, stone or concrete
43	0.1	37	Embankment - material type unknown
236	0.5	38	Fence
31	0.1	39	Wall
14	0.0	40	Fire hydrant
18	0.0	41	Shrubbery
694	1.5	42	Tree (standing tree only)
86	0.2	43	Other fixed object
1	0.0	44	Pavement surface irregularity (pothole, grooved, grates)

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Variable 148:EVENT #5 (Continued)

02Sep10	Prcnt	Code	Value and Description
1	0.0	45	Working motor vehicle (construction, maintenance or utility vehicle only)
11	0.0	46	Traffic signal support/signal
9	0.0	47	Vehicle occupant struck or run over by own vehicle
1	0.0	48	Snow bank
0	0.0	49	Ridden animal or animal-drawn conveyance
0	0.0	50	Bridge overhead structure
10	0.0	51	Jackknife
3	0.0	52	Guardrail end
33	0.1	53	Mail box
32	0.1	54	Motor vehicle in-transport strikes or is struck by cargo, persons, or objects set-in-motion from/by another motor vehicle in-transport
0	0.0	55	Motor vehicle in motion outside the trafficway
3	0.0	57	Cable barrier
11	0.0	60	Cargo/equipment loss or shift
0	0.0	61	Equipment failure (blown tire, brake failure, etc.)
4	0.0	62	Separation of units
96	0.2	63	Ran off road - right
130	0.3	64	Ran off road - left
59	0.1	65	Cross median/centerline
1	0.0	66	Downhill runaway
124	0.3	67	Vehicle went airborne
37	0.1	99	Unknown

Variable 149	EVENT #6	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - SEQ6

Sequence of Events #6

02Sep10	Prcnt	Code	Value and Description
43516	95.8	0	No Event
562	1.2	1	Overturn/rollover
177	0.4	2	Fire/explosion
69	0.2	3	Immersion
0	0.0	4	Gas inhalation
25	0.1	5	Fell/jumped from vehicle
0	0.0	6	Injured in vehicle (other than cargo/equipment loss or shift)
1	0.0	7	Other noncollision
15	0.0	8	Pedestrian
0	0.0	9	Pedalcycle
0	0.0	10	Railway train
0	0.0	11	Live animal
50	0.1	12	Motor vehicle in-transport on same roadway
19	0.0	13	Motor vehicle in-transport on different roadway

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Variable 149:EVENT #6 (Continued)

02Sep10	Prcnt	Code	Value and Description
46	0.1	14	Parked motor vehicle or motor vehicle stopped off roadway
0	0.0	15	Nonmotorist on personal conveyance
1	0.0	16	Thrown or falling object (other than cargo/equipment loss or shift)
4	0.0	17	Boulder
8	0.0	18	Other object (not fixed)
35	0.1	19	Building
0	0.0	20	Impact attenuator/crash cushion
4	0.0	21	Bridge pier or abutment
2	0.0	22	Bridge parapet end
5	0.0	23	Bridge rail
26	0.1	24	Guardrail face
16	0.0	25	Concrete traffic barrier
3	0.0	26	Other traffic barrier
16	0.0	27	Highway/traffic sign post/sign
2	0.0	28	Overhead sign support/sign
9	0.0	29	Luminaire/light support
53	0.1	30	Utility pole
13	0.0	31	Other post, other pole or other supports
4	0.0	32	Culvert
4	0.0	33	Curb
47	0.1	34	Ditch
13	0.0	35	Embankment - earth
5	0.0	36	Embankment - rock, stone or concrete
18	0.0	37	Embankment - material type unknown
110	0.2	38	Fence
15	0.0	39	Wall
1	0.0	40	Fire hydrant
5	0.0	41	Shrubbery
338	0.7	42	Tree (standing tree only)
39	0.1	43	Other fixed object
0	0.0	44	Pavement surface irregularity (pothole, grooved, grates)
0	0.0	45	Working motor vehicle (construction, maintenance or utility vehicle only)
6	0.0	46	Traffic signal support/signal
8	0.0	47	Vehicle occupant struck or run over by own vehicle
1	0.0	48	Snow bank
0	0.0	49	Ridden animal or animal-drawn conveyance
0	0.0	50	Bridge overhead structure
3	0.0	51	Jackknife
1	0.0	52	Guardrail end
9	0.0	53	Mail box
19	0.0	54	Motor vehicle in-transport strikes or is struck by cargo, persons, or objects set-in-motion from/by another motor vehicle in-transport
0	0.0	55	Motor vehicle in motion outside the trafficway
4	0.0	57	Cable barrier
5	0.0	60	Cargo/equipment loss or shift
0	0.0	61	Equipment failure (blown tire, brake failure, etc.)
6	0.0	62	Separation of units
22	0.0	63	Ran off road - right
18	0.0	64	Ran off road - left

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Variable 149:EVENT #6 (Continued)

02Sep10	Prcnt	Code	Value and Description
9	0.0	65	Cross median/centerline
0	0.0	66	Downhill runaway
10	0.0	67	Vehicle went airborne
38	0.1	99	Unknown

Variable 150	VEHICLE MANEUVER	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - VEH_MAN

02Sep10	Prcnt	Code	Value and Description
31260	68.8	1	Going straight
553	1.2	2	Slowing or stopping in traffic lane
347	0.8	3	Starting in traffic lane
1344	3.0	4	Stopped in traffic lane
920	2.0	5	Passing or overtaking another vehicle
45	0.1	6	Leaving a parked position
20	0.0	7	Parked
17	0.0	8	Entering a parked position
395	0.9	9	Controlled maneuver to avoid an animal, pedestrian, object, another vehicle, etc.
44	0.1	10	Turning right: Right Turn on Red (RTOR) permitted
0	0.0	11	Turning right: RTOR not permitted
305	0.7	12	Turning right: RTOR not known if permitted or n/a
2638	5.8	13	Turning left
123	0.3	14	Making a U-turn
128	0.3	15	Backing up (other than for parking purposes)
921	2.0	16	Changing lanes or merging
5873	12.9	17	Negotiating a curve
179	0.4	98	Other
323	0.7	99	Unknown

Variable 151	CRASH AVOIDANCE MANEUVER	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - AVOID

02Sep10	Prcnt	Code	Value and Description
20113	44.3	0	No avoidance maneuver reported
1991	4.4	1	Braking (skid marks evident)
424	0.9	2	Braking (no skid marks; driver stated)
474	1.0	3	Braking (other reported evidence)
4018	8.8	4	Steering (evidence or stated)
1793	3.9	5	Steering & braking (evidence or stated)
194	0.4	6	Other avoidance maneuver

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Variable 151: CRASH AVOIDANCE MANEUVER (Continued)

02Sep10 Prcnt Code Value and Description

16428 36.2 8 Not reported/inconclusive (by Police)

Variable 152	MOST HARMFUL EVENT	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - M_HARM

Most Harmful Event

02Sep10 Prcnt Code Value and Description

6839	15.1	1	Overturn/rollover
490	1.1	2	Fire/explosion
213	0.5	3	Immersion
0	0.0	4	Gas inhalation
217	0.5	5	Fell/jumped from vehicle
6	0.0	6	Injured in vehicle (other than cargo/equipment loss or shift)
75	0.2	7	Other noncollision
4226	9.3	8	Pedestrian
651	1.4	9	Pedalcycle
122	0.3	10	Railway train
115	0.3	11	Live animal
23532	51.8	12	Motor vehicle in-transport on same roadway
363	0.8	13	Motor vehicle in-transport on different roadway
312	0.7	14	Parked motor vehicle or motor vehicle stopped off roadway
103	0.2	15	Nonmotorist on personal conveyance
29	0.1	16	Thrown or falling object (other than cargo/equipment loss or shift)
39	0.1	17	Boulder
90	0.2	18	Other object (not fixed)
147	0.3	19	Building
15	0.0	20	Impact attenuator/crash cushion
113	0.2	21	Bridge pier or abutment
25	0.1	22	Bridge parapet end
68	0.1	23	Bridge rail
396	0.9	24	Guardrail face
179	0.4	25	Concrete traffic barrier
32	0.1	26	Other traffic barrier
116	0.3	27	Highway/traffic sign post/sign
19	0.0	28	Overhead sign support/sign
110	0.2	29	Luminaire/light support
933	2.1	30	Utility pole
117	0.3	31	Other post, other pole or other supports
232	0.5	32	Culvert
111	0.2	33	Curb
235	0.5	34	Ditch
182	0.4	35	Embankment - earth
76	0.2	36	Embankment - rock, stone or concrete
157	0.3	37	Embankment - material type unknown

Variable 152:MOST HARMFUL EVENT (Continued)

02Sep10	Prcnt	Code	Value and Description
193	0.4	38	Fence
143	0.3	39	Wall
11	0.0	40	Fire hydrant
5	0.0	41	Shrubbery
3537	7.8	42	Tree (standing tree only)
170	0.4	43	Other fixed object
4	0.0	44	Pavement surface irregularity (pothole, grooved, grates)
17	0.0	45	Working construction, maintenance or utility vehicles
65	0.1	46	Traffic signal support/signal
42	0.1	47	Vehicle occupant struck or run over by own vehicle
4	0.0	48	Snow bank
14	0.0	49	Ridden animal or animal-drawn conveyance
10	0.0	50	Bridge overhead structure
4	0.0	51	Jackknife (causing injury or damage)
60	0.1	52	Guardrail end
40	0.1	53	Mail box
365	0.8	54	Motor vehicle in-transport strikes or is struck by cargo, persons, or objects set-in-motion from/by another motor vehicle in-transport
0	0.0	55	Motor vehicle in motion outside the trafficway
10	0.0	57	Cable barrier
9	0.0	60	Cargo/equipment loss or shift (causing injury or damage)
47	0.1	99	Unknown

The following list shows the code values given above grouped by collision type.

Noncollision Event

- 1 Overturn/rollover
- 2 Fire/explosion
- 3 Immersion
- 4 Gas inhalation
- 5 Fell/jumped from vehicle
- 6 Injured in vehicle (other than cargo/equipment loss or shift)
- 16 Thrown or falling object (other than cargo/equipment loss or shift)
- 44 Pavement surface irregularity (pothole, grooved, grates)
- 47 Vehicle occupant struck or run over by own vehicle
- 51 Jackknife (causing injury or damage)
- 60 Cargo/equipment loss or shift (causing injury or damage)
- 7 Other noncollision

Collision With Motor Vehicle

Collision Involving Motor Vehicle In-Transport

- 12 Motor vehicle in-transport on same roadway
- 13 Motor vehicle in-transport on different roadway
- 54 Motor vehicle in-transport strikes or is struck by cargo, persons, or objects set-in-motion from/by another motor vehicle in-transport

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Variable 152:MOST HARMFUL EVENT (Continued)

02Sep10 Prcnt Code Value and Description

55 Motor vehicle in motion outside the trafficway

Collision Involving Motor Vehicle NOT In-Transport

14 Parked motor vehicle or motor vehicle stopped off roadway

45 Working motor vehicle (construction, maintenance or
utility vehicle only)

Collision With Object Not Fixed

8 Pedestrian

15 Nonmotorist on personal conveyance

9 Pedalcycle

10 Railway train

11 Animal

49 Ridden animal or animal-drawn conveyance

18 Other object (not fixed)

Collision With Fixed Object

17 Boulder

19 Building

20 Impact attenuator/crash cushion

21 Bridge pier or abutment

22 Bridge parapet end

23 Bridge rail

50 Bridge overhead structure

24 Guardrail face

52 Guardrail end

25 Concrete traffic barrier

57 Cable barrier

26 Other traffic barrier

27 Highway/traffic sign post/sign

28 Overhead sign support/sign

46 Traffic signal support/signal

29 Luminaire/light support

30 Utility pole

31 Other post, other pole or other supports

32 Culvert

33 Curb

34 Ditch

35 Embankment - earth

36 Embankment - rock, stone or concrete

37 Embankment - material type unknown

38 Fence

39 Wall

40 Fire hydrant

41 Shrubbery

42 Tree (standing tree only)

48 Collision with snow bank

53 Mail box

43 Other fixed object

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Variable 153	SPEED RELATED	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - SPEEDREL

Indicates that a fatal crash is speeding related or that one of the following apply: At least one driver involved in the crash had a speeding related driver-related factor or at least one driver involved in the crash was charged with a speeding related violation.

02Sep10 Prcnt Code Value and Description

34674	76.3	0	No
9669	21.3	1	Yes
1092	2.4	9	Unknown

Variable 154	HAZ MATERIAL CLASS NUM	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - HAZ_CNO

02Sep10 Prcnt Code Value and Description

45325	99.8	0	Not applicable
4	0.0	1	Explosives
21	0.0	2	Gases
43	0.1	3	Flammable liquid and combustible liquid
1	0.0	4	Flammable solid, spontaneously combustible, and dangerous when wet
1	0.0	5	Oxidizers and organic peroxide
0	0.0	6	Poison (toxic) and poison inhalation hazard
0	0.0	7	Radioactive
5	0.0	8	Corrosive
2	0.0	9	Miscellaneous
33	0.1	88	Not reported

Variable 155	HAZ MATERIAL ID	Width: 5	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - HAZ_ID

02Sep10 Prcnt Code Value and Description

45325	99.8	0	Not applicable
1	0.0	306	
		-	Hazardous material id
1	0.0	3291	
29	0.1	8888	Not reported
1	0.0	9188	

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Variable 156	HAZ MATERIAL INVOLVED	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - HAZ_INV

02Sep10	Prcnt	Code	Value and Description
45326	99.8	1	No Hazardous materials involved
109	0.2	2	Hazardous materials involved

Variable 157	HAZ MATERIAL PLACARD	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - HAZ_PLAC

02Sep10	Prcnt	Code	Value and Description
45325	99.8	0	Not applicable
5	0.0	1	No placard
90	0.2	2	Placard displayed
15	0.0	8	Not reported

Variable 158	HAZ MATERIAL RELEASE	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - HAZ_REL

02Sep10	Prcnt	Code	Value and Description
45325	99.8	0	Not applicable
59	0.1	1	No release
33	0.1	2	Hazardous materials released
18	0.0	8	Not reported

Variable 159	MOTOR CARRIER STATE	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - MCARR_I1

CAUTION, THESE CODES MAY BE INCORRECT

This element is only applicable for the following commercial vehicles:

1. Light trucks pulling a trailer with gross combination weight rating (GCWR) greater than 10,000 lbs.
2. Medium / Heavy Trucks: vehicles with gross vehicle weight rating (GVWR) greater than 10,000 lbs.
3. Buses with 9 or more seats (including the driver).
4. Light trucks, vans and passenger vehicles displaying a hazardous materials placard.

02Sep10	Prcnt	Code	Value and Description

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Variable 159:MOTOR CARRIER STATE (Continued)

02Sep10 Prcnt Code Value and Description

MCID Issuing Authority

00. Not applicable

01.

- . FARS State Code

56.

57. US DOT

58. MC/MX (ICC)

88. None

95. Canada

96. Mexico

99. Unknown

41861	92.1	0	Not applicable
11	0.0	1	Alabama
9	0.0	2	Alaska
4	0.0	3	American Samoa
0	0.0	4	Arizona
8	0.0	5	Arkansas
107	0.2	6	California
2	0.0	8	Colorado
3	0.0	9	Connecticut
2	0.0	10	Delaware
2	0.0	11	District of Columbia
171	0.4	12	Florida
8	0.0	13	Georgia
2	0.0	14	Guam
1	0.0	15	Hawaii
3	0.0	16	Idaho
8	0.0	17	Illinois
6	0.0	18	Indiana
1	0.0	19	Iowa
0	0.0	20	Kansas
0	0.0	21	Kentucky
2	0.0	22	Louisiana
1	0.0	23	Maine
4	0.0	24	Maryland
2	0.0	25	Massachusetts
4	0.0	26	Michigan
2	0.0	27	Minnesota
0	0.0	28	Mississippi
0	0.0	29	Missouri
0	0.0	30	Montana
0	0.0	31	Nebraska
0	0.0	32	Nevada
3	0.0	33	New Hampshire
2	0.0	34	New Jersey
0	0.0	35	New Mexico
2	0.0	36	New York
14	0.0	37	North Carolina
7	0.0	38	North Dakota
2	0.0	39	Ohio

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Variable 159: MOTOR CARRIER STATE (Continued)

02Sep10 Prcnt Code Value and Description

5	0.0	40	Oklahoma
0	0.0	41	Oregon
4	0.0	42	Pennsylvania
0	0.0	43	Puerto Rico
0	0.0	44	Rhode Island
0	0.0	45	South Carolina
0	0.0	46	South Dakota
7	0.0	47	Tennessee
44	0.1	48	Texas
1	0.0	49	Utah
0	0.0	50	Vermont
29	0.1	51	Virginia
0	0.0	52	Virgin Islands
0	0.0	53	Washington
2	0.0	54	West Virginia
1	0.0	55	Wisconsin
37	0.1	56	Wyoming
2225	4.9	57	US DOT
53	0.1	58	MC/MX (ICC)
387	0.9	88	None
2	0.0	95	Canada
0	0.0	96	Mexico
384	0.8	99	Unknown

Variable 160	MOTOR CARRIER ID NUMBER	Width: 9	Type: Alphabetic
		Dec: None	Miss: None

NHTSA SAS Variable - MCARR_I2

This element is only applicable for the following commercial vehicles:

1. Light trucks pulling a trailer with gross combination weight rating (GCWR) greater than 10,000 lbs.
2. Medium / Heavy Trucks: vehicles with gross vehicle weight rating (GVWR) greater than 10,000 lbs.
3. Buses with 9 or more seats (including the driver).
4. Light trucks, vans and passenger vehicles displaying a hazardous materials placard.

02Sep10 Prcnt Code Value and Description

MCID Identification Number
000000000. Not applicable
888888888. None
999999999. Unknown

<u>Variable 161</u>	<u>MOTOR CARRIER ID NUMBER</u>	Width: 11	Type: Alphabetic
		Dec: None	Miss: None

NHTSA SAS Variable - MCARR_ID

This element is only applicable for the following commercial vehicles:

1. Light trucks pulling a trailer with gross combination weight rating (GCWR) greater than 10,000 lbs.
2. Medium / Heavy Trucks: vehicles with gross vehicle weight rating (GVWR) greater than 10,000 lbs.
3. Buses with 9 or more seats (including the driver).
4. Light trucks, vans and passenger vehicles displaying a hazardous materials placard.

02Sep10 Prcnt Code Value and Description

Motor Carrier Identification Number
00000000000. Not applicable
88888888888. None
99999999999. Unknown

<u>Variable 162</u>	<u>BUS USE</u>	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - BUS_USE

02Sep10 Prcnt Code Value and Description

45142	99.4	0	Not used as a bus
70	0.2	1	Used as a public school bus
5	0.0	2	Used as a private school bus
29	0.1	3	Used as a school bus, public or private unknown
68	0.1	4	Used as a scheduled service bus
26	0.1	5	Used as a tour bus
14	0.0	6	Used as a commuter bus
17	0.0	7	Used as a shuttle bus
1	0.0	8	Modified for personal/private use
63	0.1	9	Unknown bus use

<u>Variable 163</u>	<u>GROSS WEIGHT RATING-GVWR</u>	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - GVWR

Gross Vehicle Weight Rating/Gross Combination Weight Rating

02Sep10 Prcnt Code Value and Description

41854	92.1	0	Not applicable
14	0.0	1	10,000 lbs or less
578	1.3	2	10,001 - 26,000 lbs
2898	6.4	3	26,001 lbs or more
91	0.2	9	Unknown

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Variable 164	NUMBER OF DEATHS IN VEH	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - DEATHS

02Sep10	Prcnt		Code	Value and Description

18900	41.6	0	0 deaths
24600	54.1	1	1 death
1591	3.5	2	2 deaths
260	0.6	3	3 deaths
58	0.1	4	4 deaths
20	0.0	5	5 deaths
4	0.0	6	6 deaths
1	0.0	7	7 deaths
1	0.0	11	11 deaths

Variable 165	VIN AUTO MODEL	Width: 3	Type: Alphabetic
		Dec: None	Miss: None

NHTSA SAS Variable - VINA_MOD

Variable 166	VIN BODY TYPE	Width: 2	Type: Alphabetic
		Dec: None	Miss: None

NHTSA SAS Variable - VIN_BT

Variable 167	VIN AUTO WEIGHT	Width: 4	Type: Numeric
		Dec: None	Miss: 9999

NHTSA SAS Variable - VIN_WGT

02Sep10	Prcnt		Code	Value and Description

622	1.4	0	Value not returned
1	0.0	1085	
		-	Actual weight of vehicle in pounds
10	0.0	7190	
20741	45.6	9999	Value not coded

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<u>Variable 168</u>	<u>VIN AUTO WHEELBASE SHORT</u>	Width: 4	Type: Numeric
		Dec: None	Miss: 9999

NHTSA SAS Variable - WHLBS_SH

The Shortest Wheelbase for the Manufactured Model

02Sep10	Prcnt	Code	Value and Description
2277	5.0	0	Value not returned
4	0.0	735	
		-	Actual value in inches
1	0.0	2540	
6504	14.3	9999	Value not coded

<u>Variable 169</u>	<u>VIN AUTO WHEELBASE LONG</u>	Width: 4	Type: Numeric
		Dec: None	Miss: 9999

NHTSA SAS Variable - WHLBS_LG

The Longest Wheelbase for the Manufactured Model

02Sep10	Prcnt	Code	Value and Description
32642	71.8	0	Value not returned
1	0.0	924	
		-	Actual value in inches
1	0.0	9600	
6504	14.3	9999	Value not coded

<u>Variable 170</u>	<u>VIN TRUCK FUEL CODE</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 8

NHTSA SAS Variable - FLDCD_TR

02Sep10	Prcnt	Code	Value and Description
2	0.0	0	(N) Compressed Natural Gas
0	0.0	1	(E) Electric operated
9709	21.4	2	(G) Gas
4141	9.1	3	(D) Diesel
1	0.0	4	(P) Propane
401	0.9	5	(F) Flexible fuel
3	0.0	6	(C) Gasoline engine that can be easily converted to gaseous-powered engine (powered by natural gas, propane, etc.)
28991	63.8	7	(*) Not available from VIN
15	0.0	8	(b) Unknown
2172	4.8	9	(9) No VIN information

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Variable 171	VIN TRUCK WEIGHT CODE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - WGTCD_TR

02Sep10	Prcnt		Code	Value and Description

4601	10.1	1	6,000 or less
6171	13.6	2	6,001 - 10,000
389	0.9	3	10,001 - 14,000
126	0.3	4	14,001 - 16,000
91	0.2	5	16,001 - 19,500
219	0.5	6	19,501 - 26,000
295	0.6	7	26,001 - 33,000
2358	5.2	8	33,001 or more
31185	68.6	9	Value not coded

Variable 172	VIN TRUCK SERIES	Width: 3	Type: Alphabetic
		Dec: None	Miss: None

NHTSA SAS Variable - SER_TR

Variable 173	VIN MOTORCYCLE DSPLACMNT	Width: 4	Type: Numeric
		Dec: None	Miss: 9999

NHTSA SAS Variable - MCYCL_DS

The Manufacturer's Cubic Centimeter (CC) Displacement of the Model

02Sep10	Prcnt		Code	Value and Description

23	0.1	49	
		-	Actual value
6	0.0	2294	
41144	90.6	9999	Unknown

Variable 174	LENGTH OF VIN	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - VIN_LNGT

02Sep10	Prcnt		Code	Value and Description

4	0.0	0	Not applicable/registration not required
6	0.0	5	
		-	Actual value
44920	98.9	17	
0	0.0	99	Unknown VIN length

Variables 175 through 180 are added by UMTRI to indicate the number of persons in the vehicle with injury severities of level zero through five, respectively, for occupant variable V332 (INJURY SEVERITY). These variables have the value zero for the vehicle segment of nonoccupant records.

<u>Variable 175</u>	<u>NUMBER UNINJURED IN VEH</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

Some states do not report uninjured occupants.

02Sep10	Prcnt	Code	Value and Description
33528	73.8	0	0 uninjured
8816	19.4	1	1 uninjured
2067	4.5	2	2 uninjured
583	1.3	3	3 uninjured
260	0.6	4	4 uninjured
112	0.2	5	5 uninjured
		-	
1	0.0	15	15 uninjured

<u>Variable 176</u>	<u>NUMBER C-INJURED IN VEH</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

02Sep10	Prcnt	Code	Value and Description
41152	90.6	0	0 C-injured
3379	7.4	1	1 C-injured
607	1.3	2	2 C-injured
177	0.4	3	3 C-injured
77	0.2	4	4 C-injured
19	0.0	5	5 C-injured
		-	
1	0.0	30	30 C-injured

<u>Variable 177</u>	<u>NUMBER B-INJURED IN VEH</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

02Sep10	Prcnt	Code	Value and Description
38119	83.9	0	0 B-injured
5630	12.4	1	1 B-injured
1154	2.5	2	2 B-injured
326	0.7	3	3 B-injured
133	0.3	4	4 B-injured
39	0.1	5	5 B-injured

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Variable 177:NUMBER B-INJURED IN VEH (Continued)

02Sep10 Prcnt Code Value and Description

-

1 0.0 37 37 B-injured

Variable 178	NUMBER A-INJURED IN VEH	Width: 2	Type: Numeric
		Dec: None	Miss: None

02Sep10 Prcnt Code Value and Description

38876 85.6 0 0 A-injured

5114 11.3 1 1 A-injured

1019 2.2 2 2 A-injured

288 0.6 3 3 A-injured

97 0.2 4 4 A-injured

17 0.0 5 5 A-injured

-

1 0.0 18 18 A-injured

Variable 179	NUMBER K-INJURED IN VEH	Width: 2	Type: Numeric
		Dec: None	Miss: None

02Sep10 Prcnt Code Value and Description

18900 41.6 0 0 killed

24600 54.1 1 1 killed

1591 3.5 2 2 killed

260 0.6 3 3 killed

58 0.1 4 4 killed

20 0.0 5 5 killed

4 0.0 6 6 killed

1 0.0 7 7 killed

1 0.0 11 11 killed

Variable 180	NUM UNK INJURED IN VEH	Width: 2	Type: Numeric
		Dec: None	Miss: None

02Sep10 Prcnt Code Value and Description

44823 98.7 0 0 unknown injured

547 1.2 1 1 unknown injured

40 0.1 2 2 unknown injured

14 0.0 3 3 unknown injured

6 0.0 4 4 unknown injured

4 0.0 5 5 unknown injured

1 0.0 6 6 unknown injured

The DRIVER Variables

Variables 201 through 237 describe the drivers of the vehicles involved in the crash. They are included in the Vehicle and Occupant data sets. The Vehicle data set includes these variables along with the accident and vehicle variables on a vehicle level.

Variable 201	CASE STATE	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - STATE

Variable 202	CASE NUMBER	Width: 4	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - ST_CASE

Variable 203	SEQUENCE NUMBER	Width: 1	Type: Numeric
		Dec: None	Miss: None

02Sep10 Prcnt Code Value and Description

45435 100.0	0	Sequence number 0

Variable 204	VEHICLE NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: 0

NHTSA SAS Variable - VEH_NO

02Sep10 Prcnt Code Value and Description

30746 67.7	1	Vehicle #1
12082 26.6	2	Vehicle #2
1817 4.0	3	Vehicle #3
456 1.0	4	Vehicle #4
136 0.3	5	Vehicle #5
	-	
1 0.0	30	Vehicle #30

FATALITY ANALYSIS REPORTING SYSTEM
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<u>Variable 205</u>	<u>RECORD TYPE</u>	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - LEVEL

02Sep10 Prcnt	Code Value and Description
45435 100.0	3 Driver record

<u>Variable 206</u>	<u>PERSON NUMBER</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - PER_NO

02Sep10 Prcnt	Code Value and Description
45435 100.0	0 No person number for this record type

<u>Variable 207</u>	<u>DRIVER PRESENCE</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - DR_PRES

02Sep10 Prcnt	Code Value and Description
152 0.3	0 No driver presence / not applicable
45276 99.7	1 Yes
7 0.0	9 Unknown

<u>Variable 208</u>	<u>DRIVER DRINKING</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - DR_DRINK

Driver Drinking - Police Reported Alcohol Involvement

02Sep10 Prcnt	Code Value and Description
35310 77.7	0 No drinking reported
10125 22.3	1 Drinking reported

<u>Variable 209</u>	<u>DRIVER'S LICENSE STATE</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - L_STATE

Note: License State changed to Driver's License State in 2009.

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Variable 209:DRIVER'S LICENSE STATE (Continued)

02Sep10	Prcnt	Code	Value and Description
1098	2.4	1	Alabama
89	0.2	2	Alaska
2	0.0	3	American Samoa
907	2.0	4	Arizona
739	1.6	5	Arkansas
4093	9.0	6	California
664	1.5	8	Colorado
302	0.7	9	Connecticut
146	0.3	10	Delaware
29	0.1	11	District of Columbia
3447	7.6	12	Florida
1701	3.7	13	Georgia
0	0.0	14	Guam
126	0.3	15	Hawaii
300	0.7	16	Idaho
1334	2.9	17	Illinois
930	2.0	18	Indiana
476	1.0	19	Iowa
503	1.1	20	Kansas
1070	2.4	21	Kentucky
970	2.1	22	Louisiana
220	0.5	23	Maine
766	1.7	24	Maryland
461	1.0	25	Massachusetts
1240	2.7	26	Michigan
576	1.3	27	Minnesota
840	1.8	28	Mississippi
1143	2.5	29	Missouri
242	0.5	30	Montana
316	0.7	31	Nebraska
310	0.7	32	Nevada
140	0.3	33	New Hampshire
777	1.7	34	New Jersey
399	0.9	35	New Mexico
1503	3.3	36	New York
1750	3.9	37	North Carolina
138	0.3	38	North Dakota
1451	3.2	39	Ohio
884	1.9	40	Oklahoma
441	1.0	41	Oregon
1752	3.9	42	Pennsylvania
0	0.0	43	Puerto Rico
97	0.2	44	Rhode Island
1119	2.5	45	South Carolina
135	0.3	46	South Dakota
1288	2.8	47	Tennessee
4129	9.1	48	Texas
310	0.7	49	Utah
94	0.2	50	Vermont
946	2.1	51	Virginia
0	0.0	52	Virgin Islands
685	1.5	53	Washington

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Variable 209:DRIVER'S LICENSE STATE (Continued)

02Sep10 Prcnt Code Value and Description

418	0.9	54	West Virginia
731	1.6	55	Wisconsin
125	0.3	56	Wyoming
1	0.0	93	American Indian Nation
1	0.0	94	U.S. Government
63	0.1	95	Canada
55	0.1	96	Mexico
39	0.1	97	Other foreign country
924	2.0	99	Unknown

Variable 210	NON-CDL LICENSE TYPE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - L_TYPE

Non-CDL License Type (Irrespective of Vehicle Driven)

02Sep10 Prcnt Code Value and Description

1999	4.4	0	Not licensed
40993	90.2	1	Full driver license
952	2.1	2	Graduated Driver License - Intermediate driver license
188	0.4	7	Graduated Driver License - Learner's Permit
28	0.1	8	Temporary license
1275	2.8	9	Unknown license type

Variable 211	NON-CDL LICENSE STATUS	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - L_STATUS

Non-CDL License Status (Irrespective of Vehicle Driven)

02Sep10 Prcnt Code Value and Description

1999	4.4	0	Not licensed
2342	5.2	1	Suspended
380	0.8	2	Revoked
365	0.8	3	Expired
69	0.2	4	Canceled or denied
39000	85.8	6	Valid
1280	2.8	9	Unknown license status

<u>Variable 212</u>	<u>CDL LICENSE STATUS</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - CDL_STAT

Commercial Motor Vehicle License Status

02Sep10 Prcnt Code Value and Description

38344	84.4	0	No (CDL)
152	0.3	1	Suspended
44	0.1	2	Revoked
70	0.2	3	Expired
27	0.1	4	Canceled or denied
178	0.4	5	Disqualified
5216	11.5	6	Valid
38	0.1	7	Learner's permit
54	0.1	8	Other - not valid
1312	2.9	9	Unknown

<u>Variable 213</u>	<u>LICENSE ENDORSEMENTS</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - L_ENDORS

Compliance With License Endorsements

02Sep10 Prcnt Code Value and Description

43087	94.8	0	No endorsements required for this vehicle
898	2.0	1	Endorsement(s) required, complied with
23	0.1	2	Endorsement(s) required, not complied with
282	0.6	3	Endorsement(s) required, compliance unknown
1145	2.5	9	Unknown, if required

<u>Variable 214</u>	<u>LICENSE CLASS COMPLIANCE</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - L_COMPL

License Compliance with Class of Vehicle

02Sep10 Prcnt Code Value and Description

1962	4.3	0	Not licensed
209	0.5	1	No license required for this class vehicle
3697	8.1	2	No valid license for this class vehicle
38235	84.2	3	Valid license for this class vehicle
14	0.0	8	Unknown if CDL and/or CDL endorsement required for this vehicle
1318	2.9	9	Unknown

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<u>Variable 215</u>	<u>LICENSE RESTRICTIONS MET</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - L_RESTRI

Compliance With License Restrictions

02Sep10	Prcnt	Code	Value and Description
30851	67.9	0	No restrictions or not applicable
2495	5.5	1	Restrictions complied with
563	1.2	2	Restrictions not complied with
10164	22.4	3	Restrictions, compliance unknown
1362	3.0	9	Unknown

<u>Variable 216</u>	<u>VIOLATIONS CHARGED #1</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - VIOLCHG1

02Sep10	Prcnt	Code	Value and Description
40206	88.5	0	None
Reckless/Careless/Hit-And-Run Type Offenses			
1174	2.6	1	Manslaughter or homicide
125	0.3	2	Willful reckless driving; driving to endanger; negligent driving
112	0.2	3	Unsafe reckless (not willful, wanton reckless) driving
296	0.7	4	Inattentive, careless, improper driving
8	0.0	5	Fleeing or eluding police
7	0.0	6	Fail to obey police, fireman, authorized person directing traffic
153	0.3	7	Hit-and-run, fail to stop after crash
30	0.1	8	Fail to give aid, info., wait for police after crash
40	0.1	9	Serious violation resulting in death
Impairment Offenses			
663	1.5	11	Driving while intoxicated (alcohol or drugs) or BAC above limit (any detectable BAC for CDLs)
51	0.1	12	Driving while impaired
3	0.0	13	Driving under influence of substance not intended to intoxicate
0	0.0	14	Drinking while operating
1	0.0	15	Illegal possession of alcohol or drugs
4	0.0	16	Driving with detectable alcohol
0	0.0	18	Refusal to submit to chemical test
22	0.0	19	Alcohol, drug, or impairment violations, generally
Speed-Related Offenses			
3	0.0	21	Racing
55	0.1	22	Speeding (above the speed limit)
126	0.3	23	Speed greater than reasonable & prudent (not necessarily over the limit)

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Variable 216:VIOLATIONS CHARGED #1 (Continued)

02Sep10	Prcnt	Code	Value and Description
0	0.0	24	Exceeding special speed limit (e.g.: for trucks, buses, cycles, or on bridge, in school zone, etc.)
1	0.0	25	Energy speed (exceeding 55 MPH, non-pointable)
1	0.0	26	Driving too slowly
15	0.0	29	Speed related violations, generally
Rules of the Road - Traffic Sign & Signals			
43	0.1	31	Fail to stop for red signal
5	0.0	32	Fail to stop for flashing red
0	0.0	33	Violation of turn on red (fail to stop & yield, yield to pedestrians before turning)
0	0.0	34	Fail to obey flashing signal (yellow or red)
9	0.0	35	Fail to obey signal, generally
2	0.0	36	Violate RR grade crossing device/regulations
98	0.2	37	Fail to obey stop sign
7	0.0	38	Fail to obey yield sign
29	0.1	39	Fail to obey traffic control device
Rules of the Road - Turning, Yielding, Signaling			
7	0.0	41	Turn in violation of traffic control (disobey signs, turn arrow or pavement markings; this is not a right-on-red violation)
26	0.1	42	Improper method & position of turn (too wide, wrong lane)
4	0.0	43	Fail to signal for turn or stop
1	0.0	45	Fail to yield to emergency vehicle
384	0.8	46	Fail to yield, generally
12	0.0	48	Enter intersection when space insufficient
41	0.1	49	Turn, yield, signaling violations, generally
Rules of The Road - Wrong Side, Passing & Following			
2	0.0	51	Driving wrong way on one-way road
47	0.1	52	Driving on left, wrong side of road, generally
20	0.0	53	Improper, unsafe passing
2	0.0	54	Pass on right (drive off pavement to pass)
0	0.0	55	Pass stopped school bus
0	0.0	56	Fail to give way when overtaken
23	0.1	58	Following too closely
9	0.0	59	Wrong side, passing, following violations, generally
Rules of the Road - Lane Usage			
24	0.1	61	Unsafe or prohibited lane change
9	0.0	62	Improper use of lane (enter of 3-lane road, HOV designated lane)
0	0.0	63	Certain traffic to use right lane (trucks, slow moving, etc.)
0	0.0	66	Motorcycle lane violations (more than two per lane, riding between lanes, etc.)
0	0.0	67	Motorcyclist attached to another vehicle
87	0.2	69	Lane violations, generally

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Variable 216: VIOLATIONS CHARGED #1 (Continued)

02Sep10	Prcnt	Code	Value and Description
NonMoving - License & Registration Violations			
88	0.2	71	Driving while license withdrawn (including violation of provisions of work permit)
153	0.3	72	Other driver license violations
9	0.0	73	Commercial driver violations (log book, hours, permits carried)
21	0.0	74	Vehicle registration violations
45	0.1	75	Fail to carry insurance card
92	0.2	76	Driving uninsured vehicle
33	0.1	79	Nonmoving violations, generally
Equipment			
6	0.0	81	Lamp violations
3	0.0	82	Brake violations
30	0.1	83	Failure to require restraint use (by self or passengers)
1	0.0	84	Motorcycle equipment violations (helmet, special equipment)
0	0.0	85	Violation of hazardous cargo regulations
6	0.0	86	Size, weight, load violations
19	0.0	89	Equipment violations, generally
License, Registration & Other Violations			
1	0.0	91	Parking
0	0.0	92	Theft, unauthorized use of motor vehicle
5	0.0	93	Driving where prohibited (sidewalk, limited access, off truck route)
8	0.0	98	Other moving violation (coasting, backing, opening door)
928	2.0	99	Unknown violation

Variable 217	VIOLATIONS CHARGED #2	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - VIOLCHG2

02Sep10	Prcnt	Code	Value and Description
42848	94.3	0	None
Reckless/Careless/Hit-And-Run Type Offenses			
99	0.2	1	Manslaughter or homicide
160	0.4	2	Willful reckless driving; driving to endanger; negligent driving
75	0.2	3	Unsafe reckless (not willful, wanton reckless) driving
54	0.1	4	Inattentive, careless, improper driving
12	0.0	5	Fleeing or eluding police
0	0.0	6	Fail to obey police, fireman, authorized person directing traffic
101	0.2	7	Hit-and-run, fail to stop after crash

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Variable 217: VIOLATIONS CHARGED #2 (Continued)

02Sep10	Prcnt	Code	Value and Description
21	0.0	8	Fail to give aid, info., wait for police after crash, left scene
28	0.1	9	Serious violation resulting in death
Impairment Offenses			
427	0.9	11	Driving while intoxicated (alcohol or drugs) or BAC above limit (any detectable BAC for CDLs)
37	0.1	12	Driving while impaired
4	0.0	13	Driving under influence of substance not intended to intoxicate
2	0.0	14	Drinking while operating
19	0.0	15	Illegal possession of alcohol or drugs
0	0.0	16	Driving with detectable alcohol
2	0.0	18	Refusal to submit to chemical test
15	0.0	19	Alcohol, drug, or impairment violations, generally
Speed-Related Offenses			
3	0.0	21	Racing
42	0.1	22	Speeding (above the Speed Limit)
40	0.1	23	Speed greater than reasonable & prudent (not necessarily over the limit)
0	0.0	24	Exceeding special speed limit (e.g.: for trucks, buses, cycles, or on bridge, in school zone, etc.)
0	0.0	25	Exceeding speed (exceeding 55 MPH, non-pointable)
0	0.0	26	Driving too slowly
13	0.0	29	Speed related violations, generally
Rules of the Road - Traffic Sign & Signals			
17	0.0	31	Fail to stop for red signal
0	0.0	32	Fail to stop for flashing red
1	0.0	33	Violation of turn on red (fail to stop & yield, yield to pedestrians before turning)
0	0.0	34	Fail to obey flashing signal (yellow or red)
2	0.0	35	Fail to obey signal, generally
0	0.0	36	Violate RR grade crossing device/regulations
23	0.1	37	Fail to obey stop sign
1	0.0	38	Fail to obey yield sign
10	0.0	39	Fail to obey traffic control device
Rules of the Road - Turning, Yielding, Signaling			
2	0.0	41	Turn in violation of traffic control (disobey signs, turn arrow or pavement markings; this is not a right-on-red violation)
6	0.0	42	Improper method & position of turn (too wide, wrong lane)
3	0.0	43	Fail to signal for turn or stop
2	0.0	45	Fail to yield to emergency vehicle
67	0.1	46	Fail to yield, generally
1	0.0	48	Enter intersection when space insufficient
11	0.0	49	Turn, yield, signaling violations, generally
Rules of The Road - Wrong Side, Passing & Following			
5	0.0	51	Driving wrong way on one-way road

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Variable 217: VIOLATIONS CHARGED #2 (Continued)

02Sep10	Prcnt	Code	Value and Description
43	0.1	52	Driving on left, wrong side of road, generally
12	0.0	53	Improper, unsafe passing
0	0.0	54	Pass on right (drive off pavement to pass)
3	0.0	55	Pass stopped school bus
0	0.0	56	Fail to give way when overtaken
9	0.0	58	Following too closely
4	0.0	59	Wrong side, passing, following violations, generally
Rules of the Road - Lane Usage			
11	0.0	61	Unsafe or prohibited lane change
7	0.0	62	Improper use of lane (enter of 3-lane road, HOV designated lane)
0	0.0	63	Certain traffic to use right lane (trucks, slow moving, etc.)
0	0.0	66	Motorcycle lane violations (more than two per lane, riding between lanes, etc.)
0	0.0	67	Motorcyclist attached to another vehicle
42	0.1	69	Lane violations, generally
NonMoving - License & Registration Violations			
51	0.1	71	Driving while license withdrawn (including violation of provisions of work permit)
84	0.2	72	Other driver license violations
2	0.0	73	Commercial driver violations (log book, hours, permits carried)
25	0.1	74	Vehicle registration violations
28	0.1	75	Fail to carry insurance card
61	0.1	76	Driving uninsured vehicle
34	0.1	79	Nonmoving violations, generally
Equipment			
3	0.0	81	Lamp violations
4	0.0	82	Brake violations
44	0.1	83	Failure to require restraint use (by self or passenger)
2	0.0	84	Motorcycle equipment violations (helmet, special equipment)
0	0.0	85	Violation of hazardous cargo regulations
4	0.0	86	Size, weight, load violations
11	0.0	89	Equipment violations, generally
License, Registration & Other Violations			
0	0.0	91	Parking
1	0.0	92	Theft, unauthorized use of motor vehicle
2	0.0	93	Driving where prohibited (sidewalk, limited access, off truck route)
7	0.0	98	Other moving violation (coasting, backing, opening door)
788	1.7	99	Unknown violation

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Variable 218	VIOLATIONS CHARGED #3	Width: 2	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - VIOLCHG3

02Sep10 Prcnt Code Value and Description

43973 96.8 0 None

Reckless/Careless/Hit-And-Run Type Offenses

		1	Manslaughter or homicide
29	0.1	2	Willful reckless driving; driving to endanger; negligent driving
42	0.1	3	Unsafe reckless (not willful, wanton reckless) driving
15	0.0	4	Inattentive, careless, improper driving
7	0.0	5	Fleeing or eluding police
6	0.0	6	Fail to obey police, fireman, authorized person directing traffic
1	0.0	7	Hit-and-run, fail to stop after crash
34	0.1	8	Fail to give aid, info., wait for police after crash, left scene
11	0.0	9	Serious violation resulting in death
10	0.0		

Impairment Offenses

		11	Driving while intoxicated (alcohol or drugs) or BAC above limit (any detectable BAC for CDLs)
100	0.2	12	Driving while impaired
16	0.0	13	Driving under influence of substance not intended to intoxicate
0	0.0	14	Drinking while operating
2	0.0	15	Illegal possession of alcohol or drugs
12	0.0	16	Driving with detectable alcohol
4	0.0	18	Refusal to submit to chemical test
3	0.0	19	Alcohol, drug, or impairment violations, generally
4	0.0		

Speed-Related Offenses

		21	Racing
3	0.0	22	Speeding (above the Speed Limit)
26	0.1	23	Speed greater than reasonable & prudent (not necessarily over the limit)
15	0.0	24	Exceeding special speed limit (e.g.: for trucks, buses, cycles, or on bridge, in school zone, etc.)
0	0.0	25	Energy speed (exceeding 55 MPH, non-pointable)
0	0.0	26	Driving too slowly
2	0.0	29	Speed related violations, generally
1	0.0		

Rules of the Road - Traffic Sign & Signals

		31	Fail to stop for red signal
7	0.0	32	Fail to stop for flashing red
0	0.0	33	Violation of turn on red (fail to stop & yield, yield to pedestrians before turning)
0	0.0	34	Fail to obey flashing signal (yellow or red)
1	0.0	35	Fail to obey signal, generally
0	0.0	36	Violate RR grade crossing device/regulations
8	0.0	37	Fail to obey stop sign
1	0.0	38	Fail to obey yield sign

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Variable 218: VIOLATIONS CHARGED #3 (Continued)

02Sep10	Prcnt	Code	Value and Description
1	0.0	39	Fail to obey traffic control device
Rules of the Road - Turning, Yielding, Signaling			
1	0.0	41	Turn in violation of traffic control (disobey signs, turn arrow or pavement markings; this is not a right-on-red violation)
1	0.0	42	Improper method & position of turn (too wide, wrong lane)
2	0.0	43	Fail to signal for turn or stop
0	0.0	45	Fail to yield to emergency vehicle
18	0.0	46	Fail to yield, generally
0	0.0	48	Enter intersection when space insufficient
1	0.0	49	Turn, yield, signaling violations, generally
Rules of The Road - Wrong Side, Passing & Following			
2	0.0	51	Driving wrong way on one-way road
20	0.0	52	Driving on left, wrong side of road, generally
7	0.0	53	Improper, unsafe passing
0	0.0	54	Pass on right (drive off pavement to pass)
0	0.0	55	Pass stopped school bus
0	0.0	56	Fail to give way when overtaken
9	0.0	58	Following too closely
3	0.0	59	Wrong side, passing, following violations, generally
Rules of the Road - Lane Usage			
7	0.0	61	Unsafe or prohibited lane change
4	0.0	62	Improper use of lane (enter of 3-lane road, HOV designated lane)
0	0.0	63	Certain traffic to use right lane (trucks, slow moving, etc.)
0	0.0	66	Motorcycle lane violations (more than two per lane, riding between lanes, etc.)
0	0.0	67	Motorcyclist attached to another vehicle
29	0.1	69	Lane violations, generally
NonMoving - License & Registration Violations			
40	0.1	71	Driving while license withdrawn (including violation of provisions of work permit)
51	0.1	72	Other driver license violations
0	0.0	73	Commercial driver violations (log book, hours, permits carried)
14	0.0	74	Vehicle registration violations
12	0.0	75	Fail to carry insurance card
30	0.1	76	Driving uninsured vehicle
17	0.0	79	Nonmoving violations, generally
Equipment			
0	0.0	81	Lamp violations
1	0.0	82	Brake violations
24	0.1	83	Failure to require restraint use (by self or passenger)
2	0.0	84	Motorcycle equipment violations (helmet, special equipment)
0	0.0	85	Violation of hazardous cargo regulations

Variable 218:VIOLATIONS CHARGED #3 (Continued)

02Sep10	Prcnt	Code	Value and Description
1	0.0	86	Size, weight, load violations
6	0.0	89	Equipment violations, generally
			License, Registration & Other Violations
0	0.0	91	Parking
2	0.0	92	Theft, unauthorized use of motor vehicle
3	0.0	93	Driving where prohibited (sidewalk, limited access, off truck route)
6	0.0	98	Other moving violation (coasting, backing, opening door)
788	1.7	99	Unknown violation

Variable 219	NUMBER OF PREV CRASHES	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - PREV_ACC

Number of Previous Recorded Crashes

02Sep10	Prcnt	Code	Value and Description
35612	78.4	0	0 crashes
4359	9.6	1	1 crash
682	1.5	2	2 crashes
126	0.3	3	3 crashes
31	0.1	4	4 crashes
9	0.0	5	5 crashes
1	0.0	6	6 crashes
1	0.0	7	7 crashes
1	0.0	23	23 crashes
2875	6.3	98	Crashes not reported on driving record
1738	3.8	99	Unknown

Variable 220	NUMBER PREV SUSPENSIONS	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - PREV_SUS

Number of Previous Suspensions and Revocations

02Sep10	Prcnt	Code	Value and Description
37805	83.2	0	0 suspensions
2885	6.3	1	1 suspension
1331	2.9	2	2 suspensions
670	1.5	3	3 suspensions
364	0.8	4	4 suspensions
204	0.4	5	5 suspensions

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Variable 220:NUMBER PREV SUSPENSIONS (Continued)

02Sep10 Prcnt Code Value and Description

127	0.3	6	6 suspension
83	0.2	7	7 suspensions
57	0.1	8	8 suspensions
41	0.1	9	9 suspensions
25	0.1	10	10 suspensions
		-	
1	0.0	61	61 suspensions
1730	3.8	99	Unknown

Variable 221	NUMBER OF PREV DWI CONV	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - PREV_DWI

Number of Previous DWI Convictions

DWI refers to both alcohol and drug convictions

02Sep10 Prcnt Code Value and Description

42453	93.4	0	0 DWI convictions
1074	2.4	1	1 DWI conviction
146	0.3	2	2 DWI convictions
21	0.0	3	3 DWI convictions
12	0.0	4	4 DWI convictions
1	0.0	5	5 DWI convictions
1728	3.8	99	Unknown

Variable 222	NUM PREV SPEEDING CONV	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - PREV_SPD

Number of Previous Speeding Convictions

02Sep10 Prcnt Code Value and Description

35405	77.9	0	0 speed convictions
5892	13.0	1	1 speed conviction
1637	3.6	2	2 speed convictions
504	1.1	3	3 speed convictions
165	0.4	4	4 speed convictions
73	0.2	5	5 speed convictions
		-	
1	0.0	9	9 speed convictions
1728	3.8	99	Unknown

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Variable 223	NUM PREV OTHER MV CONV	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - PREV_OTH

Number of Previous Other Harmful Moving Violations Convictions

02Sep10 Prcnt Code Value and Description

35879	79.0	0	0 other convictions
5359	11.8	1	1 other conviction
1528	3.4	2	2 other convictions
475	1.0	3	3 other convictions
229	0.5	4	4 other convictions
143	0.3	5	5 other convictions
		-	
2	0.0	15	15 other convictions
1728	3.8	99	Unknown

Variable 224	LAST CRASH - MONTH	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - LAST_MO

Last Accident/Suspension/Conviction - Month

02Sep10 Prcnt Code Value and Description

25918	57.0	0	No record
1430	3.1	1	January
1414	3.1	2	February
1514	3.3	3	March
1418	3.1	4	April
1557	3.4	5	May
1484	3.3	6	June
1542	3.4	7	July
1498	3.3	8	August
1536	3.4	9	September
1576	3.5	10	October
1409	3.1	11	November
1409	3.1	12	December
1730	3.8	99	Unknown

Variable 225	LAST CRASH - YEAR	Width: 4	Type: Numeric
		Dec: None	Miss: 9999

NHTSA SAS Variable - LAST_YR

Last Accident/Suspension/Conviction - Year

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Variable 225:LAST CRASH - YEAR (Continued)

02Sep10 Prcnt Code Value and Description

25918	57.0	0	No record
1411	3.1	2006	2006
4189	9.2	2007	2007
6967	15.3	2008	2008
5220	11.5	2009	2009
1730	3.8	9999	Unknown

Variable 226	FIRST CRASH - MONTH	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - FIRST_MO

1ST Accident/Suspension/Conviction - Month

02Sep10 Prcnt Code Value and Description

25919	57.0	0	No record
1450	3.2	1	January
1408	3.1	2	February
1494	3.3	3	March
1392	3.1	4	April
1558	3.4	5	May
1520	3.3	6	June
1555	3.4	7	July
1461	3.2	8	August
1511	3.3	9	September
1609	3.5	10	October
1407	3.1	11	November
1422	3.1	12	December
1729	3.8	99	Unknown

Variable 227	FIRST CRASH - YEAR	Width: 4	Type: Numeric
		Dec: None	Miss: 9999

NHTSA SAS Variable - FIRST_YR

1ST Accident/Suspension/Conviction - Year

02Sep10 Prcnt Code Value and Description

25919	57.0	0	No record
3950	8.7	2006	2006
6735	14.8	2007	2007
5156	11.3	2008	2008
1946	4.3	2009	2009
1729	3.8	9999	Unknown

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<u>Variable 228</u>	<u>DRIVER'S ZIP CODE</u>	Width: 5	Type: Numeric
		Dec: None	Miss: 99999

NHTSA SAS Variable - DR_ZIP

02Sep10	Prcnt	Code	Value and Description
109	0.2	0	Not a resident of U.S. or Territories
		-	
1	0.0	99922	
952	2.1	99999	Unknown

<u>Variable 229</u>	<u>DRIVER RELATED FACTORS#1</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - DR_CF1

Related Factors at Driver Level - Response #1

Note: "Vision obscured by" attributes have been moved to variables 233-235 in 2009.

02Sep10	Prcnt	Code	Value and Description
18144	39.9	0	None
529	1.2	1	Drowsy, sleepy, asleep, fatigued
372	0.8	2	Ill, passed out/blackout
52	0.1	3	Emotional (e.g., depression, angry, disturbed)
6	0.0	4	Reaction to or failure to take drugs / medication
5329	11.7	5	Under the influence of alcohol, drugs or medication
3268	7.2	6	Operating the vehicle in careless or Inattentive manner
6	0.0	7	Restricted to wheelchair
132	0.3	8	Aggressive driving / road rage
9	0.0	9	Impaired due to previous injury
68	0.1	11	Other physical impairment (includes paraplegic)
6	0.0	12	Mother of dead fetus
5	0.0	13	Mentally challenged
3	0.0	15	Seat back not in normal upright position, seat back reclined
33	0.1	16	Police or law enforcement officer
20	0.0	18	Traveling on prohibited trafficways
2	0.0	19	Legally driving on suspended or revoked license
69	0.2	20	Leaving vehicle unattended with engine running, leaving vehicle unattended in roadway
30	0.1	21	Overloading or improper loading of vehicle with passengers or cargo
7	0.0	22	Towing or pushing improperly
29	0.1	23	Failing to dim lights or to have lights on when required
182	0.4	24	Operating without required equipment
344	0.8	26	Following improperly
265	0.6	27	Improper or erratic lane changing
5196	11.4	28	Failure to keep in proper lane

FATALITY ANALYSIS REPORTING SYSTEM
2009 - Driver

Variable 229:DRIVER RELATED FACTORS#1 (Continued)

02Sep10	Prcnt	Code	Value and Description
201	0.4	29	Illegal driving on road shoulder, in ditch, on sidewalk or on median
18	0.0	30	Making improper entry to or exit from trafficway
50	0.1	31	Starting or backing improperly
0	0.0	32	Opening closure into moving traffic or while vehicle is in motion
96	0.2	33	Passing where prohibited by posted signs, pavement markings, hill or curve, or school bus displaying warning not to pass line
25	0.1	34	Passing on wrong side
208	0.5	35	Passing with insufficient distance or inadequate visibility, or failing to yield to overtaking vehicle
528	1.2	36	Operating the vehicle in an erratic, reckless or negligent manner; operating at erratic or suddenly changing speeds
103	0.2	37	Police pursuing this driver or police officer in pursuit
2573	5.7	38	Failure to yield right-of-way
1172	2.6	39	Failure to obey actual traffic signs, traffic control devices or traffic officers, failure to obey safety zone traffic laws
2	0.0	40	Passing through or around barrier
8	0.0	41	Failure to observe warnings or instructions on vehicles displaying them
5	0.0	42	Failure to signal intentions
12	0.0	45	Driving less than posted minimum
10	0.0	47	Making right turn from left-turn lane, making left turn from right-turn lane
697	1.5	48	Making other improper turn
35	0.1	50	Driving wrong way on one-way traffic
778	1.7	51	Driving on wrong side of road (intentional or unintentional)
103	0.2	52	Operator inexperience
13	0.0	53	Unfamiliar with roadway
97	0.2	54	Stopped in roadway (vehicle not abandoned)
19	0.0	57	Locked wheel
668	1.5	58	Overcorrecting
6	0.0	59	Getting off/out of or on/into a vehicle
33	0.1	73	Driver has not complied with learner's permit or intermediate driver license restrictions (GDL restrictions)
135	0.3	74	Driver has not complied with physical or other imposed restrictions (not including GDL restrictions)
16	0.0	77	Severe crosswind
2	0.0	78	Wind from passing truck
18	0.0	79	Slippery or loose surface
79	0.2	80	Tire blowout or flat
36	0.1	81	Debris or objects in road
13	0.0	82	Ruts, holes, bumps in road
137	0.3	83	Live animals in road
95	0.2	84	Vehicle in road
83	0.2	85	Phantom vehicle
78	0.2	86	Pedestrian, pedalcyclist, or other nonmotorist

Variable 229:DRIVER RELATED FACTORS#1 (Continued)

02Sep10	Prcnt	Code	Value and Description
562	1.2	87	Ice, snow, slush, water, sand, dirt, oil, wet leaves on road
10	0.0	88	Trailer fishtailing or swaying
96	0.2	89	Driver has a driving record or driver's license from more than one state
388	0.9	90	Hit-and-run vehicle, driver
56	0.1	91	Nontraffic violation charged (manslaughter, homicide or other assault offense committed without malice)
632	1.4	92	Other nonmoving traffic violations
419	0.9	93	Cellular telephone present in vehicle
46	0.1	94	Cellular telephone in use in vehicle
4	0.0	95	Computer / fax machines / printers
7	0.0	96	Onboard navigation system
1	0.0	97	Two-way radio
1	0.0	98	Head-up display
955	2.1	99	Unknown

The following list shows the code values given above grouped by related factors.

Physical/mental condition

- 1 Drowsy, sleepy, asleep, fatigued
- 2 Ill, passed out/blackout
- 3 Emotional (e.g., depression, angry, disturbed)
- 4 Reaction to or failure to take drugs / medication
- 5 Under the influence of alcohol, drugs or medication
- 6 Operating the vehicle in careless or Inattentive manner
- 7 Restricted to wheelchair
- 8 Aggressive driving/road rage
- 9 Impaired due to previous injury
- 11 Other physical impairment (includes paraplegic)
- 12 Mother of dead fetus
- 13 Mentally challenged

Miscellaneous factors

- 15 Seat back not in normal upright position, seat back reclined
- 16 Police or law enforcement officer
- 18 Traveling on prohibited trafficways
- 19 Legally driving on suspended or revoked license
- 20 Leaving vehicle unattended with engine running, leaving vehicle unattended in roadway
- 21 Overloading or improper loading of vehicle with passengers or cargo
- 22 Towing or pushing improperly
- 23 Failing to dim lights or to have lights on when required
- 24 Operating without required equipment
- 26 Following improperly
- 27 Improper or erratic lane changing
- 28 Failure to keep in proper lane

FATALITY ANALYSIS REPORTING SYSTEM
2009 - Driver

Variable 229:DRIVER RELATED FACTORS#1 (Continued)

02Sep10 Prcnt	Code Value and Description
	29 Illegal driving on road shoulder, in ditch, on sidewalk or on median
	30 Making improper entry to or exit from trafficway
	31 Starting or backing improperly
	32 Opening closure into moving traffic or while vehicle is in motion
	33 Passing where prohibited by posted signs, pavement markings, hill or curve, or school bus displaying warning not to pass line
	34 Passing on wrong side
	35 Passing with insufficient distance or inadequate visibility, or failing to yield to overtaking vehicle
	36 Operating the vehicle in an erratic, reckless or negligent manner; operating at erratic or suddenly changing speeds
	37 Police pursuing this driver or police officer in pursuit
	38 Failure to yield right-of-way
	39 Failure to obey actual traffic signs, traffic control devices or traffic officers, failure to obey safety zone traffic laws
	40 Passing through or around barrier
	41 Failure to observe warnings or instructions on vehicles displaying them
	42 Failure to signal intentions
	45 Driving less than posted minimum
	47 Making right turn from left-turn lane, making left turn from right-turn lane
	48 Making other improper turn
	50 Driving wrong way on one-way traffic
	51 Driving on wrong side of road (intentional or unintentional)
	52 Operator inexperience
	53 Unfamiliar with roadway
	54 Stopped in roadway (vehicle not abandoned)
	57 Locked wheel
	58 Overcorrecting
	59 Getting off/out of or on/into a vehicle

Vision obscured by:
attributes have been moved to variables 233-235 in 2009.

Skidding, swerving or sliding due to:

77	Severe crosswind
78	Wind from passing truck
79	Slippery or loose surface
80	Tire blowout or flat
81	Debris or objects in road
82	Ruts, holes, bumps in road
83	Live animals in road
84	Vehicle in road
85	Phantom vehicle
86	Pedestrian, pedalcyclist, or other nonmotorist

Variable 229:DRIVER RELATED FACTORS#1 (Continued)

02Sep10	Prcnt	Code	Value and Description
		87	Ice, snow, slush, water, sand, dirt, oil, wet leaves on road
		88	Trailer fishtailing or swaying
			Special circumstances
		73	Driver has not complied with learner's permit or intermediate driver license restrictions (GDL restrictions)
		74	Driver has not complied with physical or other imposed restrictions (not including GDL restrictions)
		89	Driver has a driving record or driver's license from more than one state
		90	Hit-and-run vehicle, driver
		91	Nontraffic violation charged (manslaughter, homicide or other assault offense committed without malice)
		92	Other nonmoving traffic violations
			Devices in vehicles with potential for distractions, refers o
		93	Cellular telephone present in vehicle
		94	Cellular phone in use in vehicle
		95	Computer / fax machines / printers
		96	Onboard navigation system
		97	Two-way radio
		98	Head-up display

Variable 230	DRIVER RELATED FACTORS#2	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - DR_CF2

Related Factors at Driver Level - Response #2

02Sep10	Prcnt	Code	Value and Description
33773	74.3	0	None
141	0.3	1	Drowsy, sleepy, asleep, fatigued
80	0.2	2	Ill, passed out/blackout
18	0.0	3	Emotional (e.g., depression, angry, disturbed)
6	0.0	4	Reaction to or failure to take drugs / medication
1279	2.8	5	Under the influence of alcohol, drugs or medication
818	1.8	6	Operating the vehicle in careless or Inattentive manner
2	0.0	7	Restricted to wheelchair
51	0.1	8	Aggressive driving/road rage
0	0.0	9	Impaired due to previous injury
35	0.1	11	Other physical impairment (includes paraplegic)
1	0.0	12	Mother of dead fetus
4	0.0	13	Mentally challenged
4	0.0	15	Seat back not in normal upright position, seat back reclined

FATALITY ANALYSIS REPORTING SYSTEM
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Variable 230:DRIVER RELATED FACTORS#2 (Continued)

02Sep10	Prcnt	Code	Value and Description
8	0.0	16	Police or law enforcement officer
13	0.0	18	Traveling on prohibited trafficways
1	0.0	19	Legally driving on suspended or revoked license
3	0.0	20	Leaving vehicle unattended with engine running, leaving vehicle unattended in roadway
12	0.0	21	Overloading or improper loading of vehicle with passengers or cargo
6	0.0	22	Towing or pushing improperly
23	0.1	23	Failing to dim lights or to have lights on when required
187	0.4	24	Operating without required equipment
89	0.2	26	Following improperly
98	0.2	27	Improper or erratic lane changing
2212	4.9	28	Failure to keep in proper lane
20	0.0	29	Illegal driving on road shoulder, in ditch, on sidewalk or on median
7	0.0	30	Making improper entry to or exit from trafficway
19	0.0	31	Starting or backing improperly
0	0.0	32	Opening closure into moving traffic or while vehicle is in motion
64	0.1	33	Passing where prohibited by posted signs, pavement markings, hill or curve, or school bus displaying warning not to pass line
17	0.0	34	Passing on wrong side
88	0.2	35	Passing with insufficient distance or inadequate visibility, or failing to yield to overtaking vehicle
628	1.4	36	Operating the vehicle in an erratic, reckless or negligent manner; operating at erratic or suddenly changing speeds
96	0.2	37	Police pursuing this driver or police officer in pursuit
437	1.0	38	Failure to yield right-of-way
622	1.4	39	Failure to obey actual traffic signs, traffic control devices or traffic officers, failure to obey safety zone traffic laws
4	0.0	40	Passing through or around barrier
12	0.0	41	Failure to observe warnings or instructions on vehicles displaying them
5	0.0	42	Failure to signal intentions
2	0.0	45	Driving less than posted minimum
4	0.0	47	Making right turn from left-turn lane, making left turn from right-turn lane
385	0.8	48	Making other improper turn
23	0.1	50	Driving wrong way on one-way traffic
419	0.9	51	Driving on wrong side of road (intentional or unintentional)
89	0.2	52	Operator inexperience
21	0.0	53	Unfamiliar with roadway
24	0.1	54	Stopped in roadway (vehicle not abandoned)
13	0.0	57	Locked wheel
921	2.0	58	Overcorrecting
2	0.0	59	Getting off/out of or on/into a vehicle
58	0.1	73	Driver has not complied with learner's permit or intermediate driver license restrictions (GDL restrictions)

Variable 230:DRIVER RELATED FACTORS#2 (Continued)

02Sep10	Prcnt	Code	Value and Description
130	0.3	74	Driver has not complied with physical or other imposed restrictions (not including GDL restrictions)
4	0.0	77	Severe crosswind
0	0.0	78	Wind from passing truck
16	0.0	79	Slippery or loose surface
30	0.1	80	Tire blowout or flat
23	0.1	81	Debris or objects in road
8	0.0	82	Ruts, holes, bumps in road
34	0.1	83	Live animals in road
47	0.1	84	Vehicle in road
32	0.1	85	Phantom vehicle
13	0.0	86	Pedestrian, pedalcyclist, or other nonmotorist
315	0.7	87	Ice, snow, slush, water, sand, dirt, oil, wet leaves on road
1	0.0	88	Trailer fishtailing or swaying
32	0.1	89	Driver has a driving record or driver's license from more than one state
106	0.2	90	Hit-and-run vehicle, driver
155	0.3	91	Nontraffic violation charged (manslaughter, homicide or other assault offense committed without malice)
328	0.7	92	Other nonmoving traffic violations
282	0.6	93	Cellular telephone present in vehicle
77	0.2	94	Cellular phone in use in vehicle
0	0.0	95	Computer / fax machines / printers
0	0.0	96	Onboard navigation system
3	0.0	97	Two-way radio
0	0.0	98	Head-up display
955	2.1	99	Unknown

Variable 231	DRIVER RELATED FACTORS#3	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - DR_CF3

Related Factors at Driver Level - Response #3

02Sep10	Prcnt	Code	Value and Description
41590	91.5	0	None
50	0.1	1	Drowsy, sleepy, asleep, fatigued
16	0.0	2	Ill, passed out/blackout
8	0.0	3	Emotional (e.g., depression, angry, disturbed)
2	0.0	4	Reaction to or failure to take drugs / medication
311	0.7	5	Under the influence of alcohol, drugs or medication
98	0.2	6	Operating the vehicle in careless or Inattentive manner
1	0.0	7	Restricted to wheelchair
12	0.0	8	Aggressive driving/road rage
0	0.0	9	Impaired due to previous injury

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Variable 231:DRIVER RELATED FACTORS#3 (Continued)

02Sep10	Prcnt	Code	Value and Description
10	0.0	11	Other physical impairment (includes paraplegic)
0	0.0	12	Mother of dead fetus
2	0.0	13	Mentally challenged
1	0.0	15	Seat back not in normal upright position, seat back reclined
1	0.0	16	Police or law enforcement officer
3	0.0	18	Traveling on prohibited trafficways
2	0.0	19	Legally driving on suspended or revoked license
0	0.0	20	Leaving vehicle unattended with engine running, leaving vehicle unattended in roadway
2	0.0	21	Overloading or improper loading of vehicle with passengers or cargo
0	0.0	22	Towing or pushing improperly
7	0.0	23	Failing to dim lights or to have lights on when required
94	0.2	24	Operating without required equipment
22	0.0	26	Following improperly
22	0.0	27	Improper or erratic lane changing
270	0.6	28	Failure to keep in proper lane
9	0.0	29	Illegal driving on road shoulder, in ditch, on sidewalk or on median
2	0.0	30	Making improper entry to or exit from trafficway
3	0.0	31	Starting or backing improperly
0	0.0	32	Opening closure into moving traffic or while vehicle is in motion
20	0.0	33	Passing where prohibited by posted signs, pavement markings, hill or curve, or school bus displaying warning not to pass line
6	0.0	34	Passing on wrong side
20	0.0	35	Passing with insufficient distance or inadequate visibility, or failing to yield to overtaking vehicle
170	0.4	36	Operating the vehicle in an erratic, reckless or negligent manner; operating at erratic or suddenly changing speeds
42	0.1	37	Police pursuing this driver or police officer in pursuit
53	0.1	38	Failure to yield right-of-way
105	0.2	39	Failure to obey actual traffic signs, traffic control devices or traffic officers, failure to obey safety zone traffic laws
1	0.0	40	Passing through or around barrier
5	0.0	41	Failure to observe warnings or instructions on vehicles displaying them
3	0.0	42	Failure to signal intentions
0	0.0	45	Driving less than posted minimum
1	0.0	47	Making right turn from left-turn lane, making left turn from right-turn lane
64	0.1	48	Making other improper turn
9	0.0	50	Driving wrong way on one-way traffic
100	0.2	51	Driving on wrong side of road (intentional or unintentional)
39	0.1	52	Operator inexperience
10	0.0	53	Unfamiliar with roadway
1	0.0	54	Stopped in roadway (vehicle not abandoned)

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Variable 231:DRIVER RELATED FACTORS#3 (Continued)

02Sep10	Prcnt	Code	Value and Description
4	0.0	57	Locked wheel
419	0.9	58	Overcorrecting
1	0.0	59	Getting off/out of or on/into a vehicle
34	0.1	73	Driver has not complied with learner's permit or intermediate driver license restrictions (GDL restrictions)
113	0.2	74	Driver has not complied with physical or other imposed restrictions (not including GDL restrictions)
3	0.0	77	Severe crosswind
0	0.0	78	Wind from passing truck
5	0.0	79	Slippery or loose surface
9	0.0	80	Tire blowout or flat
2	0.0	81	Debris or objects in road
4	0.0	82	Ruts, holes, bumps in road
14	0.0	83	Live animals in road
15	0.0	84	Vehicle in road
14	0.0	85	Phantom vehicle
0	0.0	86	Pedestrian, pedalcyclist, or other nonmotorist
67	0.1	87	Ice, snow, slush, water, sand, dirt, oil, wet leaves on road
2	0.0	88	Trailer fishtailing or swaying
24	0.1	89	Driver has a driving record or driver's license from more than one state
48	0.1	90	Hit-and-run vehicle, driver
169	0.4	91	Nontraffic violation charged (manslaughter, homicide or other assault offense committed without malice)
211	0.5	92	Other nonmoving traffic violations
90	0.2	93	Cellular telephone present in vehicle
43	0.1	94	Cellular phone in use in vehicle
0	0.0	95	Computer / fax machines / printers
2	0.0	96	Onboard navigation system
0	0.0	97	Two-way radio
0	0.0	98	Head-up display
955	2.1	99	Unknown

Variable 232	DRIVER RELATED FACTORS#4	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - DR_CF4

Related Factors at Driver Level - Response #4

02Sep10	Prcnt	Code	Value and Description
43889	96.6	0	None
10	0.0	1	Drowsy, sleepy, asleep, fatigued
4	0.0	2	Ill, passed out/blackout
2	0.0	3	Emotional (e.g., depression, angry, disturbed)

FATALITY ANALYSIS REPORTING SYSTEM
2009 - Driver

Variable 232:DRIVER RELATED FACTORS#4 (Continued)

02Sep10	Prcnt	Code	Value and Description
0	0.0	4	Reaction to or failure to take drugs / medication
45	0.1	5	Under the influence of alcohol, drugs or medication
13	0.0	6	Operating the vehicle in careless or Inattentive manner
0	0.0	7	Restricted to wheelchair
2	0.0	8	Aggressive driving/road rage
1	0.0	9	Impaired due to previous injury
4	0.0	11	Other physical impairment (includes paraplegic)
0	0.0	12	Mother of dead fetus
1	0.0	13	Mentally challenged
0	0.0	15	Seat back not in normal upright position, seat back reclined
0	0.0	16	Police or law enforcement officer
1	0.0	18	Traveling on prohibited trafficways
0	0.0	19	Legally driving on suspended or revoked license
0	0.0	20	Leaving vehicle unattended with engine running, leaving vehicle unattended in roadway
3	0.0	21	Overloading or improper loading of vehicle with passengers or cargo
0	0.0	22	Towing or pushing improperly
2	0.0	23	Failing to dim lights or to have lights on when required
18	0.0	24	Operating without required equipment
1	0.0	26	Following improperly
1	0.0	27	Improper or erratic lane changing
26	0.1	28	Failure to keep in proper lane
2	0.0	29	Illegal driving on road shoulder, in ditch, on sidewalk or on median
0	0.0	30	Making improper entry to or exit from trafficway
0	0.0	31	Starting or backing improperly
0	0.0	32	Opening closure into moving traffic or while vehicle is in motion
2	0.0	33	Passing where prohibited by posted signs, pavement markings, hill or curve, or school bus displaying warning not to pass line
1	0.0	34	Passing on wrong side
1	0.0	35	Passing with insufficient distance or inadequate visibility, or failing to yield to overtaking vehicle
24	0.1	36	Operating the vehicle in an erratic, reckless or negligent manner; operating at erratic or suddenly changing speeds
9	0.0	37	Police pursuing this driver or police officer in pursuit
4	0.0	38	Failure to yield right-of-way
24	0.1	39	Failure to obey actual traffic signs, traffic control devices or traffic officers, failure to obey safety zone traffic laws
0	0.0	40	Passing through or around barrier
3	0.0	41	Failure to observe warnings or instructions on vehicles displaying them
1	0.0	42	Failure to signal intentions
0	0.0	45	Driving less than posted minimum
0	0.0	47	Making right turn from left-turn lane, making left turn from right-turn lane
8	0.0	48	Making other improper turn

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Variable 232:DRIVER RELATED FACTORS#4 (Continued)

02Sep10	Prcnt	Code	Value and Description
1	0.0	50	Driving wrong way on one-way traffic
17	0.0	51	Driving on wrong side of road (intentional or unintentional)
2	0.0	52	Operator inexperience
1	0.0	53	Unfamiliar with roadway
0	0.0	54	Stopped in roadway (vehicle not abandoned)
0	0.0	57	Locked wheel
55	0.1	58	Overcorrecting
0	0.0	59	Getting off/out of or on/into a vehicle
14	0.0	73	Driver has not complied with learner's permit or intermediate driver license restrictions (GDL restrictions)
43	0.1	74	Driver has not complied with physical or other imposed restrictions (not including GDL restrictions)
1	0.0	77	Severe crosswind
0	0.0	78	Wind from passing truck
2	0.0	79	Slippery or loose surface
2	0.0	80	Tire blowout or flat
2	0.0	81	Debris or objects in road
0	0.0	82	Ruts, holes, bumps in road
5	0.0	83	Live animals in road
2	0.0	84	Vehicle in road
4	0.0	85	Phantom vehicle
0	0.0	86	Pedestrian, pedalcyclist, or other nonmotorist
11	0.0	87	Ice, snow, slush, water, sand, dirt, oil, wet leaves on road
0	0.0	88	Trailer fishtailing or swaying
7	0.0	89	Driver has a driving record or driver's license from more than one state
11	0.0	90	Hit-and-run vehicle, driver
68	0.1	91	Nontraffic violation charged (manslaughter, homicide or other assault offense committed without malice)
78	0.2	92	Other nonmoving traffic violations
34	0.1	93	Cellular telephone present in vehicle
17	0.0	94	Cellular phone in use in vehicle
0	0.0	95	Computer / fax machines / printers
1	0.0	96	Onboard navigation system
0	0.0	97	Two-way radio
0	0.0	98	Head-up display
955	2.1	99	Unknown

Variable 233	DRIVER VISION OBSCURED1	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - D_VISION1

Note: Most of these elements were found in "Related Factor - Driver Level" (V229-V232) from 1982 to 2008.

FATALITY ANALYSIS REPORTING SYSTEM
2009 - Driver

Driver's vision obscured by - Response #1

02Sep10	Prcnt	Code	Value and Description
43349	95.4	0	No obstruction noted
455	1.0	1	Rain, snow, fog, smoke, sand, dust
127	0.3	2	Reflected glare, bright sunlight, headlights
181	0.4	3	Curve, hill or other roadway design feature
16	0.0	4	Building, billboard, other structure
66	0.1	5	Trees, crops, vegetation
149	0.3	6	In-transport motor vehicle (including load)
41	0.1	7	Not in-transport motor vehicle (parked, working)
5	0.0	8	Splash or spray of passing vehicle
2	0.0	9	Inadequate defrost or defog system
10	0.0	10	Inadequate vehicle lighting system
7	0.0	11	Obstruction interior to the vehicle
2	0.0	12	External mirrors
8	0.0	13	Broken or improperly cleaned windshield
20	0.0	14	Obstructing angles on vehicle
40	0.1	97	Vision obscured - no details
76	0.2	98	Other visual obstruction
881	1.9	99	Unknown

Variable	234	DRIVER VISION OBSCURED2	Width: 2	Type: Numeric
			Dec: None	Miss: None

NHTSA SAS Variable - D_VISION2

Driver's vision obscured by - Response #2

02Sep10	Prcnt	Code	Value and Description
44510	98.0	0	No obstruction noted
1	0.0	1	Rain, snow, fog, smoke, sand, dust
2	0.0	2	Reflected glare, bright sunlight, headlights
4	0.0	3	Curve, hill or other roadway design feature
5	0.0	4	Building, billboard, other structure
14	0.0	5	Trees, crops, vegetation
2	0.0	6	In-transport motor vehicle (including load)
1	0.0	7	Not in-transport motor vehicle (parked, working)
0	0.0	8	Splash or spray of passing vehicle
1	0.0	9	Inadequate defrost or defog system
2	0.0	10	Inadequate vehicle lighting system
4	0.0	11	Obstruction interior to the vehicle
1	0.0	12	External mirrors
3	0.0	13	Broken or improperly cleaned windshield
0	0.0	14	Obstructing angles on vehicle
0	0.0	97	Vision obscured - no details
4	0.0	98	Other visual obstruction
881	1.9	99	Unknown

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Variable 235	DRIVER VISION OBSCURED3	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - D_VISION3

Driver's vision obscured by - Response #3

02Sep10	Prcnt	Code	Value and Description
44554	98.1	0	No obstruction noted
0	0.0	1	Rain, snow, fog, smoke, sand, dust
0	0.0	2	Reflected glare, bright sunlight, headlights
0	0.0	3	Curve, hill or other roadway design feature
0	0.0	4	Building, billboard, other structure
0	0.0	5	Trees, crops, vegetation
0	0.0	6	In-transport motor vehicle (including load)
0	0.0	7	Not in-transport motor vehicle (parked, working)
0	0.0	8	Splash or spray of passing vehicle
0	0.0	9	Inadequate defrost or defog system
0	0.0	10	Inadequate vehicle lighting system
0	0.0	11	Obstruction interior to the vehicle
0	0.0	12	External mirrors
0	0.0	13	Broken or improperly cleaned windshield
0	0.0	14	Obstructing angles on vehicle
0	0.0	97	Vision obscured - no details
0	0.0	98	Other visual obstruction
881	1.9	99	Unknown

Variable 236	DRIVER WEIGHT	Width: 3	Type: Numeric
		Dec: None	Miss: 999

NHTSA SAS Variable - DR_WGT

02Sep10	Prcnt	Code	Value and Description
1	0.0	60	
		-	Actual weight in pounds
4	0.0	500	
15183	33.4	999	Unknown

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Variable 237	DRIVER HEIGHT - INCHES	Width: 3	Type: Numeric
		Dec: None	Miss: 999

NHTSA SAS Variable - DR_HGT

02Sep10	Prcnt	Code	Value and Description
1	0.0	36	
		-	Actual height in inches
9	0.0	83	
5518	12.1	999	Unknown height

The OCCUPANT Variables

Variables 301 through 348 describe the occupants involved in the crash. They are included in the Occupant data set. The Occupant data set contains Occupant and Nonmotorist data sets. The Occupant data set contains these variables, along with the accident, vehicle and driver variables on an occupant level.

Variable 301	CASE STATE	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - STATE

Variable 302	CASE NUMBER	Width: 4	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - ST_CASE

Variable 303	SEQUENCE NUMBER	Width: 1	Type: Numeric
		Dec: None	Miss: None

02Sep10 Prcnt Code Value and Description

70845 100.0 0 Sequence number 0

Variable 304	VEHICLE NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - VEH_NO

02Sep10 Prcnt Code Value and Description

47454 67.0 1 Vehicle #1

-

1 0.0 30 Vehicle #30

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<u>Variable 305</u>	<u>RECORD TYPE</u>	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - LEVEL

02Sep10	Prcnt	Code	Value and Description
70845	100.0	4	Occupant record

<u>Variable 306</u>	<u>OCCUPANT NUMBER</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - PER_NO

02Sep10	Prcnt	Code	Value and Description
45306	64.0	1	Occupant #1
15056	21.3	2	Occupant #2
5550	7.8	3	Occupant #3
2597	3.7	4	Occupant #4
1144	1.6	5	Occupant #5
		-	
1	0.0	37	Occupant #37

<u>Variable 307</u>	<u>FILLER 01</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

<u>Variable 308</u>	<u>OCCUPANT AGE</u>	Width: 3	Type: Numeric
		Dec: None	Miss: 999

NHTSA SAS Variable - AGE

02Sep10	Prcnt	Code	Value and Description
314	0.4	0	Less than one year
400	0.6	1	
		-	Age in years
1	0.0	108	
1515	2.1	999	Unknown

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Variable 309	OCCUPANT SEX	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - SEX

02Sep10	Prcnt	Code	Value and Description

45735	64.6	1	Male
24136	34.1	2	Female
974	1.4	9	Unknown

Variable 310	OCCUPANT TYPE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - PER_TYP

02Sep10	Prcnt	Code	Value and Description

Motorists			
45230	63.8	1	Driver of a motor vehicle in-transport
25470	36.0	2	Passenger of a motor vehicle in-transport
145	0.2	9	Unknown occupant type in a motor vehicle in-transport

Variable 311	OCC SEATING POSITION	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - SEAT_POS

02Sep10	Prcnt	Code	Value and Description

45209	63.8	11	Front seat - left side (driver's side)
399	0.6	12	Front seat - middle
12872	18.2	13	Front seat - right side
16	0.0	18	Front seat - other
19	0.0	19	Front seat - unknown
3826	5.4	21	Second seat - left side
1439	2.0	22	Second seat - middle
3939	5.6	23	Second seat - right side
32	0.0	28	Second seat - other
82	0.1	29	Second seat - unknown
229	0.3	31	Third seat - left side
127	0.2	32	Third seat - middle
212	0.3	33	Third seat - right side
11	0.0	38	Third seat - other
48	0.1	39	Third seat - unknown
8	0.0	41	Fourth seat - left side
6	0.0	42	Fourth seat - middle
4	0.0	43	Fourth seat - right side
1	0.0	48	Fourth seat - other
6	0.0	49	Fourth seat - unknown
103	0.1	50	Sleeper section of cab (truck)
921	1.3	51	Other passenger in enclosed passenger or cargo area

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Variable 311: OCC SEATING POSITION (Continued)

02Sep10	Prcnt	Code	Value and Description
175	0.2	52	Other passenger in unenclosed passenger or cargo area
44	0.1	53	Other passenger in passenger or cargo area, unknown whether or not enclosed
34	0.0	54	Trailing unit
85	0.1	55	Riding on vehicle exterior of vehicle
998	1.4	99	Unknown

Variable 312	PROTECTION SYSTEM USE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - REST_USE

Protection System Use

02Sep10	Prcnt	Code	Value and Description
22119	31.2	0	None used / not applicable (not a motor vehicle occupant)
304	0.4	1	Shoulder belt
1031	1.5	2	Lap belt
36823	52.0	3	Lap and shoulder belt
1222	1.7	4	Child safety seat/booster seat - type unknown/not reported
2850	4.0	5	Motorcycle helmet
0	0.0	6	Bicycle helmet
103	0.1	8	Restraint used - type unknown
234	0.3	10	Child safety seat - forward facing
59	0.1	11	Child safety seat - rear facing
58	0.1	12	Booster seat (with lap/shoulder belt used properly)
67	0.1	13	Safety belt used improperly
83	0.1	14	Child safety seat/booster seat used improperly
89	0.1	15	Helmets used improperly
5803	8.2	99	Unknown

Variable 313	AIR BAG DEPLOYED	Width: 2	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - AIR_BAG

Air bag Availability/Deployment changed to Air Bag Deployed

02Sep10	Prcnt	Code	Value and Description
21626	30.5	0	Not applicable
17512	24.7	1	Deployed: front
593	0.8	2	Deployed: side (door, seatback)
124	0.2	3	Deployed: curtain (roof)

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Variable 313: AIR BAG DEPLOYED (Continued)

02Sep10	Prcnt	Code	Value and Description
23	0.0	7	Deployed: other (knee, air belt, etc.)
1326	1.9	8	Deployed: combination
2224	3.1	9	Deployed: unknown location
21632	30.5	20	Not deployed
27	0.0	28	Switched off
5758	8.1	99	Deployment unknown

Variable 314	OCCUPANT EJECTION	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - EJECTION

02Sep10	Prcnt	Code	Value and Description
56643	80.0	0	Not ejected
6751	9.5	1	Totally ejected
1578	2.2	2	Partially ejected
69	0.1	3	Ejected - unknown degree
5505	7.8	8	Not applicable
299	0.4	9	Unknown if ejected

Variable 315	EJECTION PATH	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - EJ_PATH

02Sep10	Prcnt	Code	Value and Description
62148	87.7	0	Not ejected / not applicable
440	0.6	1	Through side door opening
1148	1.6	2	Through side window
148	0.2	3	Through windshield
160	0.2	4	Through back window
18	0.0	5	Through back door/tailgate opening
106	0.1	6	Through roof opening (sunroof, convertible top down)
10	0.0	7	Through roof (convertible top up)
271	0.4	8	Other path (e.g., back of pickup truck)
6396	9.0	9	Unknown / unknown path

Variable 316	OCCUPANT EXTRICATION	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - EXTRICAT

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Variable 316: OCCUPANT EXTRICATION (Continued)

02Sep10 Prcnt Code Value and Description

61699	87.1	0	Not extricated or not applicable
8603	12.1	1	Extricated
543	0.8	9	Unknown

Variable 317	FILLER 02	Width: 2	Type: Numeric
		Dec: None	Miss: 99

Variable 318	OCC ALCOHOL INVOLVEMENT	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - DRINKING

Police Reported Alcohol Involvement

02Sep10 Prcnt Code Value and Description

27508	38.8	0	No (alcohol not involved)
7904	11.2	1	Yes (alcohol involved)
29502	41.6	8	Not reported
5931	8.4	9	Unknown (police reported)

Variable 319	OCC METHOD ALC DETERMIN	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - ALC_DET

Method of Alcohol Determination (By Police)

02Sep10 Prcnt Code Value and Description

5986	8.4	1	Evidential test (breath, blood, urine)
538	0.8	2	Preliminary Breath Test (PBT)
235	0.3	3	Behavioral
96	0.1	4	Passive Alcohol Sensor (PAS)
7347	10.4	5	Observed
969	1.4	8	Other (e.g., Saliva test)
55674	78.6	9	Not reported

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Variable 320	ALCOHOL TEST STATUS	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - ALC_STATUS

02Sep10	Prcnt	Code	Value and Description
40092	56.6	0	Test not given
53	0.1	1	Test refused
27591	38.9	2	Test given
3109	4.4	9	Unknown if tested / not reported

Variable 321	ALCOHOL TEST TYPE	Width: 2	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - ATST_TYP

02Sep10	Prcnt	Code	Value and Description
40145	56.7	0	Test not given
25311	35.7	1	Blood
448	0.6	2	Breathalyzer "BAC"
262	0.4	3	Urine
189	0.3	4	Vitreous
51	0.1	5	Blood plasma/serum
1	0.0	6	Blood clot
10	0.0	7	Liver
116	0.2	8	Other test type
811	1.1	10	Preliminary breath test (PBT)
390	0.6	98	Unknown test type
3111	4.4	99	Unknown if tested / not reported

Variable 322	OCC ALCOHOL TEST RESULT	Width: 2	Type: Numeric
		Dec: 2	Miss: 0.99

NHTSA SAS Variable - ALC_RES

02Sep10	Prcnt	Code	Value and Description
15294	21.6	0.00	BAC result < 0.01%
204	0.3	0.01	- Result value (grams/100 ml%)
1	0.0	0.79	
40146	56.7	0.96	Test not given
2361	3.3	0.97	AC test performed, results unknown
33	0.0	0.98	Positive reading with no actual value
3412	4.8	0.99	Unknown if tested / not reported

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<u>Variable 323</u>	<u>DRUG INVOLVEMENT</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - DRUGS

Note: Police Reported Other Drug Involvement changed to Police Reported Drug Involvement in 2009.

02Sep10	Prcnt		Code	Value and Description

17460	24.6	0		No (drugs not involved)
1965	2.8	1		Yes (drugs involved)
45855	64.7	8		Not reported
5565	7.9	9		Unknown

<u>Variable 324</u>	<u>DRUG DETERMINATION</u>	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - DRUG_DET

Method of Other Drug Determination by Police

02Sep10	Prcnt		Code	Value and Description

3385	4.8	1		Evidential test (Blood, Urine)
174	0.2	2		Drug Recognition Technician (DRT) determined
370	0.5	3		Behavioral
4108	5.8	7		Other
62808	88.7	8		Not reported

<u>Variable 325</u>	<u>DRUG TEST STATUS</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - DSTATUS

02Sep10	Prcnt		Code	Value and Description

46193	65.2	0		Test not given
39	0.1	1		Test refused
21393	30.2	2		Test given
3220	4.5	9		Unknown if tested / not reported

<u>Variable 326</u>	<u>DRUG TEST TYPE #1</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - DRUGTST1

02Sep10	Prcnt		Code	Value and Description

46232	65.3	0		Test not given

Variable 326:DRUG TEST TYPE #1 (Continued)

02Sep10	Prcnt	Code	Value and Description
18693	26.4	1	Blood
1050	1.5	2	Urine
1075	1.5	3	Both: blood and urine tests
382	0.5	7	Unknown test type
193	0.3	8	Other type test
3220	4.5	9	Unknown if tested / not reported

Variable 327	DRUG TEST RESULTS #1	Width: 3	Type: Numeric
		Dec: None	Miss: 999

NHTSA SAS Variable - DRUGRES1

See Appendix A for specific drug code values (100 - 995)

02Sep10	Prcnt	Code	Value and Description
46232	65.3	0	Test not given
12481	17.6	1	No drugs reported / negative
14	0.0	100	
		-	Narcotic Drug
48	0.1	295	
168	0.2	300	
		-	Depressant Drug
55	0.1	395	
0	0.0	400	
		-	Stimulant Drug
43	0.1	495	
3	0.0	500	
		-	Hallucinogen Drug
2	0.0	595	
175	0.2	600	
		-	Cannabinoid Drug
417	0.6	695	
0	0.0	700	
		-	Phencylidine (PCP)
7	0.0	795	
0	0.0	800	
		-	Anabolic Steroid
0	0.0	895	
1	0.0	900	
		-	Inhalant Drug
5	0.0	995	

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Variable 327: DRUG TEST RESULTS #1 (Continued)

02Sep10	Prcnt	Code	Value and Description
863	1.2	996	Other drug
3127	4.4	997	Tested for drugs, results unknown
200	0.3	998	Tested for drugs, drugs found, type unknown / positive
3430	4.8	999	Unknown if tested / not reported

Variable 328	DRUG TEST TYPE #2	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - DRUGTST2

02Sep10	Prcnt	Code	Value and Description
64574	91.1	0	Test not given
2472	3.5	1	Blood
300	0.4	2	Urine
182	0.3	3	Both: blood and urine tests
9	0.0	7	Unknown test type
49	0.1	8	Other type test
3259	4.6	9	Unknown if tested / not reported

Variable 329	DRUG TEST RESULTS #2	Width: 3	Type: Numeric
		Dec: None	Miss: 999

NHTSA SAS Variable - DRUGRES2

See Appendix A for specific drug code values (100 - 995)

02Sep10	Prcnt	Code	Value and Description
64571	91.1	0	Test not given
531	0.7	1	No drugs reported / negative
5	0.0	100	
		-	Narcotic Drug
15	0.0	295	
80	0.1	300	
		-	Depressant Drug
21	0.0	395	
1	0.0	400	
		-	Stimulant Drug
22	0.0	495	
0	0.0	500	
		-	Hallucinogen Drug
0	0.0	595	

Variable 329:DRUG TEST RESULTS #2 (Continued)

02Sep10	Prcnt	Code	Value and Description
44	0.1	600	
		-	Cannabinoid Drug
166	0.2	695	
0	0.0	700	
		-	Phencylidine (PCP)
0	0.0	795	
0	0.0	800	
		-	Anabolic Steroid
0	0.0	895	
0	0.0	900	
		-	Inhalant Drug
1	0.0	995	
437	0.6	996	Other drug
2	0.0	997	Tested for drugs, results unknown
26	0.0	998	Tested for drugs, drugs found, type unknown / positive
3259	4.6	999	Unknown if tested / not reported

Variable 330	DRUG TEST TYPE #3	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - DRUGTST3

02Sep10	Prcnt	Code	Value and Description
65879	93.0	0	Test not given
1408	2.0	1	Blood
147	0.2	2	Urine
115	0.2	3	Both: blood and urine tests
2	0.0	7	Unknown test type
24	0.0	8	Other type test
3270	4.6	9	Unknown if tested / not reported

Variable 331	DRUG TEST RESULTS #3	Width: 3	Type: Numeric
		Dec: None	Miss: 999

NHTSA SAS Variable - DRUGRES3

See Appendix A for specific drug code values (100 - 995)

02Sep10	Prcnt	Code	Value and Description
65874	93.0	0	Test not given
538	0.8	1	No drugs reported / negative

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Variable 331: DRUG TEST RESULTS #3 (Continued)

02Sep10	Prcnt	Code	Value and Description
2	0.0	100	- Narcotic Drug
4	0.0	295	
45	0.1	300	- Depressant Drug
11	0.0	395	
0	0.0	400	- Stimulant Drug
7	0.0	495	
2	0.0	500	- Hallucinogen Drug
0	0.0	595	
16	0.0	600	- Cannabinoid Drug
77	0.1	695	
0	0.0	700	- Phencyclidine (PCP)
3	0.0	795	
0	0.0	800	- Anabolic Steroid
0	0.0	895	
1	0.0	900	- Inhalant Drug
2	0.0	995	
366	0.5	996	Other drug
0	0.0	997	Tested for drugs, results unknown
17	0.0	998	Tested for drugs, drugs found, type unknown / positive
3273	4.6	999	Unknown if tested / not reported

Variable 332	OCCUPANT INJURY SEVERITY	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - INJ_SEV

02Sep10	Prcnt	Code	Value and Description
16790	23.7	0	O - no injury
5749	8.1	1	C - possible injury
9974	14.1	2	B - nonincapacitating evident injury
8675	12.2	3	A - incapacitating injury
28936	40.8	4	K - fatal injury
201	0.3	5	Injured, severity unknown

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Variable 332:OCCUPANT INJURY SEVERITY (Continued)

02Sep10 Prcnt Code Value and Description

2	0.0	6	Died prior to crash
518	0.7	9	Unknown

Variable 333	OCC TAKEN TO HOSPITAL BY	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - HOSPITAL

Taken to Hospital or Treatment Facility By

02Sep10 Prcnt Code Value and Description

36070	50.9	0	Not transported
33173	46.8	1	Yes, EMS
81	0.1	2	Yes, Law Enforcement
448	0.6	3	Yes, Other
38	0.1	4	Yes, Transported by unknown source
1035	1.5	9	Unknown

Variable 334	DIED AT SCENE / EN ROUTE	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - DOA

Died at Scene / En Route

02Sep10 Prcnt Code Value and Description

53260	75.2	0	Not applicable (non-fatalities and victims dying at locations other than the scene or en route)
16541	23.3	7	Died at scene
689	1.0	8	Died en route
355	0.5	9	Fatal, unknown location

Variable 335	OCC DEATH DATE - MONTH	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - DEATH_MO

02Sep10 Prcnt Code Value and Description

2212	3.1	1	January
1955	2.8	2	February
2218	3.1	3	March
2460	3.5	4	April
2620	3.7	5	May

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Variable 335: OCC DEATH DATE - MONTH (Continued)

02Sep10	Prcnt	Code	Value and Description
2521	3.6	6	June
2560	3.6	7	July
2602	3.7	8	August
2331	3.3	9	September
2283	3.2	10	October
2173	3.1	11	November
2012	2.8	12	December
41909	59.2	88	Not applicable (non-fatal)
989	1.4	99	Unknown

Variable 336	OCC DEATH DATE - DAY	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - DEATH_DA

02Sep10	Prcnt	Code	Value and Description
941	1.3	1	- Day of month
516	0.7	31	
41909	59.2	88	Not applicable (non-fatal)
1010	1.4	99	Unknown

Variable 337	OCC DEATH DATE - YEAR	Width: 4	Type: Numeric
		Dec: None	Miss: 9999

NHTSA SAS Variable - DEATH_YR

02Sep10	Prcnt	Code	Value and Description
28120	39.7	2009	2009
69	0.1	2010	2010
41909	59.2	8888	Not applicable (non-fatal)
747	1.1	9999	Unknown

Variable 338	OCC DEATH TIME - HOURS	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - DEATH_HR

02Sep10	Prcnt	Code	Value and Description
1078	1.5	0	12:00 midnight - 12:59 am
1096	1.5	1	1:00 am - 1:59 am
1178	1.7	2	2:00 am - 2:59 am
1022	1.4	3	3:00 am - 3:59 am

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Variable 338:OCC DEATH TIME - HOURS (Continued)

02Sep10	Prcnt	Code	Value and Description
808	1.1	4	4:00 am - 4:59 am
737	1.0	5	5:00 am - 5:59 am
792	1.1	6	6:00 am - 6:59 am
784	1.1	7	7:00 am - 7:59 am
804	1.1	8	8:00 am - 8:59 am
799	1.1	9	9:00 am - 9:59 am
863	1.2	10	10:00 am - 10:59 am
947	1.3	11	11:00 am - 11:59 am
1068	1.5	12	12:00 pm - 12:59 pm
1140	1.6	13	1:00 pm - 1:59 pm
1220	1.7	14	2:00 pm - 2:59 pm
1356	1.9	15	3:00 pm - 3:59 pm
1367	1.9	16	4:00 pm - 4:59 pm
1482	2.1	17	5:00 pm - 5:59 pm
1398	2.0	18	6:00 pm - 6:59 pm
1323	1.9	19	7:00 pm - 7:59 pm
1282	1.8	20	8:00 pm - 8:59 pm
1203	1.7	21	9:00 pm - 9:59 pm
1167	1.6	22	10:00 pm - 10:59 pm
1164	1.6	23	11:00 pm - 11:59 pm
41909	59.2	88	Not applicable (non-fatal)
2858	4.0	99	Unknown

Variable 339	OCC DEATH TIME - MINUTES	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - DEATH_MN

02Sep10	Prcnt	Code	Value and Description
1589	2.2	0	- Minute
259	0.4	59	
41909	59.2	88	Not applicable (non-fatal)
3004	4.2	99	Unknown

Variable 340	LAG TIME ACC/DEATH - HRS	Width: 3	Type: Numeric
		Dec: None	Miss: 999

NHTSA SAS Variable - LAG_HRS

02Sep10	Prcnt	Code	Value and Description
15710	22.2	0	- Actual time in hours
1	0.0	716	
45038	63.6	999	Unknown

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<u>Variable 341</u>	<u>LAG TIME ACC/DEATH - MIN</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - LAG_MINS

02Sep10	Prcnt	Code	Value and Description

7634	10.8	0	-
			Minute
223	0.3	59	
45038	63.6	99	Unknown

<u>Variable 342</u>	<u>OCC RELATED FACTORS #1</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - P_CF1

Related Factors at Occupant Level - Response #1

02Sep10	Prcnt	Code	Value and Description

70160	99.0	0	Not applicable (driver) or none (all other persons)

Values "01-04" mainly describe pedestrians, bicyclists, cyclists and occupants of nonmotor transport devices.

0	0.0	1	Not visible
0	0.0	2	Darting, running, or stumbling into roadway
0	0.0	3	Improper crossing of roadway or intersection
0	0.0	4	Walking/riding with or against traffic, playing, working, sitting, lying, standing, etc. in roadway
36	0.1	5	Interfering with driver
2	0.0	6	Ill, passed out / blackout
12	0.0	7	Emotional (e.g., depression, angry, disturbed)
6	0.0	8	Mentally challenged
0	0.0	9	Construction/maintenance/utility worker
0	0.0	10	Inattentive (talking, eating, reading, etc.)
0	0.0	11	Walking with cane or crutches
0	0.0	12	Restricted to wheelchair
0	0.0	13	Motorized wheelchair rider
0	0.0	14	Impaired due to previous injury
465	0.7	15	Under the influence of alcohol, drugs or medication
1	0.0	16	Blind
4	0.0	17	Other physical impairment
19	0.0	18	Mother of dead fetus
0	0.0	19	Pedestrian jogging

Values "21-59" mainly describe bicyclists, other cyclists or persons in motor vehicles not in-transport. May also apply to pedestrians in some circumstances (37-39, 41).

0	0.0	21	Overloading or improper loading of vehicle with passengers or cargo
0	0.0	23	Failure to dim lights or have lights on when required

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Variable 342:OCC RELATED FACTORS #1 (Continued)

02Sep10	Prcnt	Code	Value and Description
0	0.0	24	Operating without required equipment
0	0.0	26	Following improperly
0	0.0	27	Improper or erratic lane changing
0	0.0	28	Failure to keep in proper lane
0	0.0	29	Illegal driving on road, shoulder, in ditch, on sidewalk or on median
0	0.0	30	Making improper entry to or exit from trafficway
7	0.0	32	Opening vehicle closure into moving traffic or while vehicle is in motion
0	0.0	33	Passing where prohibited by posted signs, pavement markings, hill or curve, or school bus displaying warning not to pass line
0	0.0	34	Passing on wrong side
0	0.0	35	Passing with insufficient distance or inadequate visibility or failing to yield to overtaking vehicle
0	0.0	36	Operating the veh in an erratic, reckless, careless or negligent manner; operating at erratic or suddenly changing speeds
0	0.0	37	Traveling on prohibited trafficways
0	0.0	38	Failure to yield right-of-way
0	0.0	39	Failure to obey actual traffic sign, traffic control devices, traffic officers, failure to obey safety zone traffic laws
0	0.0	40	Passing through or around barrier
0	0.0	41	Failure to observe warnings or instructions on vehicles displaying them
0	0.0	42	Failure to signal intentions
0	0.0	44	Driving too fast for conditions or in excess of posted maximum
0	0.0	45	Driving less than posted minimum
0	0.0	47	Making right turn from left-turn lane or making left turn from right-turn lane
0	0.0	48	Making other improper turn
0	0.0	49	Driving wrong way on one-way trafficway
0	0.0	50	Driving on wrong side of road (intentional or unintentional)
0	0.0	51	Operator inexperience
0	0.0	52	Unfamiliar with roadway
0	0.0	53	Stopped in roadway (vehicle not abandoned)
14	0.0	55	Getting off/out of or on/into a transport vehicle
65	0.1	56	Nondriver flees scene
0	0.0	57	Improper tire pressure
0	0.0	58	Locked wheel
0	0.0	59	Overcorrecting

Values "60-83" describe mainly bicyclists, other cyclists or persons in motor vehicles not in-transport.

Vision obscured by:

0	0.0	60	Rain, snow, fog, smoke, sand, dust
0	0.0	61	Reflected glare, bright sunlight, headlights

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Variable 342:OCC RELATED FACTORS #1 (Continued)

02Sep10	Prcnt	Code	Value and Description
0	0.0	62	Curve, hill, or other design features (including traffic signs, embankment)
0	0.0	63	Building, billboard, other structure
0	0.0	64	Trees, crops, vegetation
0	0.0	65	Motor vehicle (including load)
0	0.0	66	Parked vehicle
0	0.0	67	Splash or spray of passing vehicle
0	0.0	68	Inadequate lighting system
0	0.0	69	Obstructing angles on vehicle
0	0.0	70	Mirrors (rear view, side mirrors, others)
0	0.0	72	Other visual obstruction
			Skidding, swerving, sliding due to:
0	0.0	73	Severe crosswind
0	0.0	74	Wind from passing truck
0	0.0	75	Slippery or loose surface
0	0.0	76	Tire blowout or flat
0	0.0	77	Debris or objects in road
0	0.0	78	Ruts, holes, bumps in road
0	0.0	79	Live animals in road
0	0.0	80	Vehicle in road
0	0.0	81	Phantom vehicle
0	0.0	82	Pedestrian, pedalcyclist or persons on personal conveyances
0	0.0	83	Ice, snow, slush, water, sand, dirt, oil, wet leaves on road
			Other nonmotorist factors:
7	0.0	86	Emergency services personnel
3	0.0	87	Police or law enforcement officer
1	0.0	88	Seat back not in normal upright position, seat back reclined
0	0.0	90	Nonmotorist pushing a vehicle
0	0.0	91	Portable electronic devices (cell phone, MP3 player, PDA, etc.)
43	0.1	99	Unknown

Variable 343	OCC RELATED FACTORS #2	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - P_CF2

Related Factors at Occupant Level - Response #2

02Sep10	Prcnt	Code	Value and Description
70773	99.9	0	Not applicable (driver) or none (all other persons)

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Variable 343:OCC RELATED FACTORS #2 (Continued)

02Sep10 Prcnt Code Value and Description

Values "01-04" mainly describe pedestrians, bicyclists, cyclists and occupants of nonmotor transport devices.

0	0.0	1	Not visible
0	0.0	2	Darting, running, or stumbling into roadway
0	0.0	3	Improper crossing of roadway or intersection
0	0.0	4	Walking/riding with or against traffic, playing, working, sitting, lying, standing, etc. in roadway
2	0.0	5	Interfering with driver
1	0.0	6	Ill, passed out / blackout
4	0.0	7	Emotional (e.g., depression, angry, disturbed)
0	0.0	8	Mentally challenged
0	0.0	9	Construction/maintenance/utility worker
0	0.0	10	Inattentive (talking, eating, reading, etc.)
0	0.0	11	Walking with cane or crutches
0	0.0	12	Restricted to wheelchair
0	0.0	13	Motorized wheelchair rider
0	0.0	14	Impaired due to previous injury
10	0.0	15	Under the influence of alcohol, drugs or medication
0	0.0	16	Blind
1	0.0	17	Other physical impairment
1	0.0	18	Mother of dead fetus
0	0.0	19	Pedestrian jogging

Values "21-59" mainly describe bicyclists, other cyclists or persons in motor vehicles not in-transport. May also apply to pedestrians in some circumstances (37-39, 41).

0	0.0	21	Overloading or improper loading of vehicle with passengers or cargo
0	0.0	23	Failure to dim lights or have lights on when required
0	0.0	24	Operating without required equipment
0	0.0	26	Following improperly
0	0.0	27	Improper or erratic lane changing
0	0.0	28	Failure to keep in proper lane
0	0.0	29	Illegal driving on road, shoulder, in ditch, on sidewalk or on median
0	0.0	30	Making improper entry to or exit from trafficway
2	0.0	32	Opening vehicle closure into moving traffic or while vehicle is in motion
0	0.0	33	Passing where prohibited by posted signs, pavement markings, hill or curve, or school bus displaying warning not to pass line
0	0.0	34	Passing on wrong side
0	0.0	35	Passing with insufficient distance or inadequate visibility or failing to yield to overtaking vehicle
0	0.0	36	Operating the veh in an erratic, reckless, careless or negligent manner; operating at erratic or suddenly changing speeds
0	0.0	37	Traveling on prohibited trafficways
0	0.0	38	Failure to yield right-of-way

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Variable 343:OCC RELATED FACTORS #2 (Continued)

02Sep10	Prcnt	Code	Value and Description
0	0.0	39	Failure to obey actual traffic sign, traffic control devices, traffic officers, failure to obey safety zone traffic laws
0	0.0	40	Passing through or around barrier
0	0.0	41	Failure to observe warnings or instructions on vehicles displaying them
0	0.0	42	Failure to signal intentions
0	0.0	44	Driving too fast for conditions or in excess of posted maximum
0	0.0	45	Driving less than posted minimum
0	0.0	47	Making right turn from left-turn lane or making left turn from right-turn lane
0	0.0	48	Making other improper turn
0	0.0	49	Driving wrong way on one-way trafficway
0	0.0	50	Driving on wrong side of road (intentional or unintentional)
0	0.0	51	Operator inexperience
0	0.0	52	Unfamiliar with roadway
0	0.0	53	Stopped in roadway (vehicle not abandoned)
7	0.0	55	Getting off/out of or on/into a transport vehicle
0	0.0	56	Nondriver flees scene
0	0.0	57	Improper tire pressure
0	0.0	58	Locked wheel
0	0.0	59	Overcorrecting

Values "60-83" describe mainly bicyclists, other cyclists or persons in motor vehicles not in-transport.

Vision obscured by:

0	0.0	60	Rain, snow, fog, smoke, sand, dust
0	0.0	61	Reflected glare, bright sunlight, headlights
0	0.0	62	Curve, hill, or other design features (including traffic signs, embankment)
0	0.0	63	Building, billboard, other structure
0	0.0	64	Trees, crops, vegetation
0	0.0	65	Motor vehicle (including load)
0	0.0	66	Parked vehicle
0	0.0	67	Splash or spray of passing vehicle
0	0.0	68	Inadequate lighting system
0	0.0	69	Obstructing angles on vehicle
0	0.0	70	Mirrors (rear view, side mirrors, others)
0	0.0	72	Other visual obstruction

Skidding, swerving, sliding due to:

0	0.0	73	Severe crosswind
0	0.0	74	Wind from passing truck
0	0.0	75	Slippery or loose surface
0	0.0	76	Tire blowout or flat
0	0.0	77	Debris or objects in road
0	0.0	78	Ruts, holes, bump in road
0	0.0	79	Live animals in road
0	0.0	80	Vehicle in road

Variable 343:OCC RELATED FACTORS #2 (Continued)

02Sep10	Prcnt	Code	Value and Description
0	0.0	81	Phantom vehicle
0	0.0	82	Pedestrian, pedalcyclist or persons on personal conveyances
0	0.0	83	Ice, snow, slush, water, sand, dirt, oil, wet leaves on road
Other nonmotorist factors:			
0	0.0	86	Emergency services personnel
0	0.0	87	Police or law enforcement officer
1	0.0	88	Seat back not in normal upright position, seat back reclined
0	0.0	90	Nonmotorist pushing a vehicle
0	0.0	91	Portable electronic devices (cell phone, MP3 player, PDA, etc.)
43	0.1	99	Unknown

Variable 344	OCC RELATED FACTORS #3	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - P_CF3

Related Factors at Occupant Level - Response #3

02Sep10	Prcnt	Code	Value and Description
70799	99.9	0	Not applicable (driver) or none (all other persons)
Values "01-04" mainly describe pedestrians, bicyclists, cyclists and occupants of nonmotor transport devices.			
0	0.0	1	Not visible
0	0.0	2	Darting, running, or stumbling into roadway
0	0.0	3	Improper crossing of roadway or intersection
0	0.0	4	Walking/riding with or against traffic, playing, working, sitting, lying, standing, etc. in roadway
2	0.0	5	Interfering with driver
0	0.0	6	Ill, passed out / blackout
0	0.0	7	Emotional (e.g., depression, angry, disturbed)
0	0.0	8	Mentally challenged
0	0.0	9	Construction/maintenance/utility worker
0	0.0	10	Inattentive (talking, eating, reading, etc.)
0	0.0	11	Walking with cane or crutches
0	0.0	12	Restricted to wheelchair
0	0.0	13	Motorized wheelchair rider
0	0.0	14	Impaired due to previous injury
0	0.0	15	Under the influence of alcohol, drugs or medication
0	0.0	16	Blind
0	0.0	17	Other physical impairment
0	0.0	18	Mother of dead fetus

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Variable 344:OCC RELATED FACTORS #3 (Continued)

02Sep10	Prcnt	Code	Value and Description
0	0.0	19	Pedestrian jogging
			Values "21-59" mainly describe bicyclists, other cyclists or persons in motor vehicles not in-transport. May also apply to pedestrians in some circumstances (37-39, 41).
0	0.0	21	Overloading or improper loading of vehicle with passengers or cargo
0	0.0	23	Failure to dim lights or have lights on when required
0	0.0	24	Operating without required equipment
0	0.0	26	Following improperly
0	0.0	27	Improper or erratic lane changing
0	0.0	28	Failure to keep in proper lane
0	0.0	29	Illegal driving on road, shoulder, in ditch, on sidewalk or on median
0	0.0	30	Making improper entry to or exit from trafficway
0	0.0	32	Opening vehicle closure into moving traffic or while vehicle is in motion
0	0.0	33	Passing where prohibited by posted signs, pavement markings, hill or curve, or school bus displaying warning not to pass line
0	0.0	34	Passing on wrong side
0	0.0	35	Passing with insufficient distance or inadequate visibility or failing to yield to overtaking vehicle
0	0.0	36	Operating the veh in an erratic, reckless, careless or negligent manner; operating at erratic or suddenly changing speeds
0	0.0	37	Traveling on prohibited trafficways
0	0.0	38	Failure to yield right-of-way
0	0.0	39	Failure to obey actual traffic sign, traffic control devices, traffic officers, failure to obey safety zone traffic laws
0	0.0	40	Passing through or around barrier
0	0.0	41	Failure to observe warnings or instructions on vehicles displaying them
0	0.0	42	Failure to signal intentions
0	0.0	44	Driving too fast for conditions or in excess of posted maximum
0	0.0	45	Driving less than posted minimum
0	0.0	47	Making right turn from left-turn lane or making left turn from right-turn lane
0	0.0	48	Making other improper turn
0	0.0	49	Driving wrong way on one-way trafficway
0	0.0	50	Driving on wrong side of road (intentional or unintentional)
0	0.0	51	Operator inexperience
0	0.0	52	Unfamiliar with roadway
0	0.0	53	Stopped in roadway (vehicle not abandoned)
1	0.0	55	Getting off/out of or on/into a transport vehicle
0	0.0	56	Nondriver flees scene
0	0.0	57	Improper tire pressure
0	0.0	58	Locked wheel

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Variable 344:OCC RELATED FACTORS #3 (Continued)

02Sep10 Prcnt Code Value and Description

0 0.0 59 Overcorrecting

Values "60-83" describe mainly bicyclists, other cyclists or persons in motor vehicles not in-transport.

Vision obscured by:

0 0.0 60 Rain, snow, fog, smoke, sand, dust
0 0.0 61 Reflected glare, bright sunlight, headlights
0 0.0 62 Curve, hill, or other design features (including traffic signs, embankment)
0 0.0 63 Building, billboard, other structure
0 0.0 64 Trees, crops, vegetation
0 0.0 65 Motor vehicle (including load)
0 0.0 66 Parked vehicle
0 0.0 67 Splash or spray of passing vehicle
0 0.0 68 Inadequate lighting system
0 0.0 69 Obstructing angles on vehicle
0 0.0 70 Mirrors (rear view, side mirrors, others)
0 0.0 72 Other visual obstruction

Skidding, swerving, sliding due to:

0 0.0 73 Severe crosswind
0 0.0 74 Wind from passing truck
0 0.0 75 Slippery or loose surface
0 0.0 76 Tire blowout or flat
0 0.0 77 Debris or objects in road
0 0.0 78 Ruts, holes, bump in road
0 0.0 79 Live animals in road
0 0.0 80 Vehicle in road
0 0.0 81 Phantom vehicle
0 0.0 82 Pedestrian, pedalcyclist or persons on personal conveyances
0 0.0 83 Ice, snow, slush, water, sand, dirt, oil, wet leaves on road

Other nonmotorist factors:

0 0.0 86 Emergency services personnel
0 0.0 87 Police or law enforcement officer
0 0.0 88 Seat back not in normal upright position, seat back reclined
0 0.0 90 Nonmotorist pushing a vehicle
0 0.0 91 Portable electronic devices (cell phone, MP3 player, PDA, etc.)

43 0.1 99 Unknown

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<u>Variable 345</u>	<u>OCC DEATH CERTIFICATE</u>	Width: 12	Type: Alphabetic
		Dec: None	Miss: None

NHTSA SAS Variable - CERT_NO

First four digits - City where death occurred
Next two digits - State where death occurred
Last six digits - Sequence number as defined
by State Vital Statistics Dept

<u>Variable 346</u>	<u>OCC FATAL INJURY AT WORK</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - WORK_INJ

02Sep10	Prcnt	Code	Value and Description
21926	30.9	0	No
505	0.7	1	Yes
41909	59.2	8	Not applicable (not a fatality)
6505	9.2	9	Unknown

<u>Variable 347</u>	<u>RACE</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - RACE

02Sep10	Prcnt	Code	Value and Description
41909	59.2	0	Not a fatality (not applicable)
19223	27.1	1	White
2889	4.1	2	Black
386	0.5	3	American Indian (includes Aleuts and Eskimos)
			Asian or Pacific Islander
24	0.0	4	Chinese
12	0.0	5	Japanese
35	0.0	6	Hawaiian (includes part-Hawaiian)
34	0.0	7	Filipino
37	0.1	18	Asian Indian
4	0.0	19	Other Indian (includes South and Central America, any others, except American or Asian Indians)
17	0.0	28	Korean
4	0.0	38	Samoan
20	0.0	48	Vietnamese
1	0.0	58	Guamanian
52	0.1	68	Other Asian or Pacific Islander
54	0.1	78	Asian or Pacific Islander, no specific (individual) race
17	0.0	97	Multiple races (individuals races not specified; ex. "mixed")
128	0.2	98	All other races

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Variable 347:RACE (Continued)

02Sep10 Prcnt Code Value and Description

5999 8.5 99 Unknown

Variable 348	HISPANIC ORIGIN	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - HISPANIC

02Sep10 Prcnt Code Value and Description

41909	59.2	0	Not a fatality (not applicable)
785	1.1	1	Mexican
114	0.2	2	Puerto Rican
89	0.1	3	Cuban
153	0.2	4	Central or South American
30	0.0	5	European Spanish
1001	1.4	6	Hispanic, origin not specified or other origin
19033	26.9	7	Non-Hispanic
7731	10.9	99	Unknown

The NONMOTORIST Variables

Variables 401 through 448 describe nonmotorists involved in the crash. They are included in the Nonmotorist data set. The Nonmotorist data set contains these variables, along with the accident variables and the Vehicle, Driver, and Occupant variables for the vehicles associated with this nonmotorist.

Variable 401	CASE STATE	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - STATE

Variable 402	CASE NUMBER	Width: 4	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - ST_CASE

Variable 403	SEQUENCE NUMBER	Width: 1	Type: Numeric
		Dec: None	Miss: None

02Sep10 Prcnt Code Value and Description

5464 100.0	0	Sequence number 0

Variable 404	VEHICLE NUMBER	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - VEH_NO

Persons in vehicles not-in-transport may have an associated vehicle number

02Sep10 Prcnt Code Value and Description

5261 96.3	0	No vehicle number
16 0.3	1	
	-	Associated vehicle number
10 0.2	4	

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<u>Variable 405</u>	<u>RECORD TYPE</u>	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - LEVEL

02Sep10 Prcnt	Code Value and Description
5464 100.0	5 Nonmotorist record

<u>Variable 406</u>	<u>NONMOTORIST NUMBER</u>	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - PER_NO

02Sep10 Prcnt	Code Value and Description
4977 91.1	1 Nonmotorist #1
360 6.6	2 Nonmotorist #2
87 1.6	3 Nonmotorist #3
30 0.5	4 Nonmotorist #4
7 0.1	5 Nonmotorist #5
1 0.0	6 Nonmotorist #6
1 0.0	7 Nonmotorist #7
1 0.0	8 Nonmotorist #8

<u>Variable 407</u>	<u>STRIKING VEHICLE NUMBER</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - N_MOT_NO

02Sep10 Prcnt	Code Value and Description
203 3.7	0 Not applicable / occupant of a motor vehicle in-transport or not in-transport (including motor vehicles parked / stopped off roadway / working / in motion outside the trafficway)
5154 94.3	1 - Assigned vehicle number
1 0.0	7
0 0.0	99 Unknown

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Variable 408	NONMOTORIST AGE	Width: 3	Type: Numeric
		Dec: None	Miss: 999

NHTSA SAS Variable - AGE

02Sep10	Prcnt	Code	Value and Description
11	0.2	0	Less than one year
25	0.5	1	
		-	Age in years
1	0.0	97	
35	0.6	999	Unknown

Variable 409	NONMOTORIST SEX	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - SEX

02Sep10	Prcnt	Code	Value and Description
3836	70.2	1	Male
1623	29.7	2	Female
5	0.1	9	Unknown

Variable 410	NONMOTORIST TYPE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - PER_TYP

02Sep10	Prcnt	Code	Value and Description
			Nonmotorists
203	3.7	3	Occupant of a motor vehicle not in-transport
26	0.5	4	Occupant of a nonmotor vehicle transport device
			Nonoccupants
4435	81.2	5	Pedestrian
665	12.2	6	Bicyclist
0	0.0	7	Other cyclist
123	2.3	8	Persons on personal conveyances
11	0.2	10	Persons in/on buildings
1	0.0	19	Unknown type of nonmotorist

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Variable 411	NMT SEATING POSITION	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - SEAT_POS

Persons in a not-in-transport vehicle may have a valid seating position

02Sep10	Prcnt	Code	Value and Description
5261	96.3	0	Not a motor vehicle occupant
95	1.7	11	Front seat - left side (driver's side)
0	0.0	12	Front seat - middle
37	0.7	13	Front seat - right side
1	0.0	18	Front seat - other
1	0.0	19	Front seat - unknown
12	0.2	21	Second seat - left side
9	0.2	22	Second seat - middle
19	0.3	23	Second seat - right side
0	0.0	28	Second seat - other
0	0.0	29	Second seat - unknown
0	0.0	31	Third seat - left side
0	0.0	32	Third seat - middle
0	0.0	33	Third seat - right side
0	0.0	38	Third seat - other
1	0.0	39	Third seat - unknown
0	0.0	41	Fourth seat - left side
0	0.0	42	Fourth seat - middle
0	0.0	43	Fourth seat - right side
0	0.0	48	Fourth seat - other
0	0.0	49	Fourth seat - unknown
8	0.1	50	Sleeper section of cab (truck)
4	0.1	52	Other passenger in unenclosed passenger or cargo area
1	0.0	53	Other passenger in passenger or cargo area, unknown if enclosed
4	0.1	54	Trailing unit
2	0.0	55	Riding on vehicle exterior of vehicle
9	0.2	99	Unknown

Variable 412	NMT PROTECTIONSYSTEM USE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - REST_USE

Protection System Use

02Sep10	Prcnt	Code	Value and Description
5284	96.7	0	None used / not applicable (not a motor vehicle occupant)
2	0.0	2	Lap belt
79	1.4	3	Lap & shoulder belt
12	0.2	4	Child safety seat/booster seat - type unknown
1	0.0	5	Motorcycle helmet
58	1.1	6	Bicycle helmet

Variable 412:NMT PROTECTIONSYSTEM USE (Continued)

02Sep10	Prcnt	Code	Value and Description
1	0.0	8	Restraint used - type unknown
1	0.0	10	Child safety seat - forward facing
26	0.5	99	Unknown

Variable 413	NONMOTORIST AIR BAG	Width: 2	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - AIR_BAG

Note: Airbag Availability/Deployment code values and descriptions changed to Airbag Deployed code values and descriptions in 2009.

Persons in a not-in-transport vehicle may have a valid code

02Sep10	Prcnt	Code	Value and Description
5370	98.3	0	Not applicable
10	0.2	1	Deployed: front
1	0.0	2	Deployed: side (door, seatback)
1	0.0	3	Deployed: curtain (roof)
0	0.0	7	Deployed: other (knee, air belt, etc.)
1	0.0	8	Deployed: combination
0	0.0	9	Deployed: unknown location
68	1.2	20	Not deployed
0	0.0	28	Switched off
13	0.2	99	Deployment unknown

Variable 414	NONMOTORIST EJECTION	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - EJECTION

02Sep10	Prcnt	Code	Value and Description
190	3.5	0	Not ejected
7	0.1	1	Totally ejected
1	0.0	3	Ejected - unknown degree
5266	96.4	8	Not applicable

Variable 415	NMT EJECTION PATH	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - EJ_PATH

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Variable 415:NMT EJECTION PATH (Continued)

02Sep10 Prcnt Code Value and Description

5456	99.9	0	Not ejected / not applicable
2	0.0	1	Through side door opening
2	0.0	8	Other path (e.g., back of pickup truck)
4	0.1	9	Unknown / unknown path

Variable 416	NONMOTORIST EXTRICATION	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - EXTRICAT

02Sep10 Prcnt Code Value and Description

5455	99.8	0	Not extricated or not applicable
9	0.2	1	Extricated

Variable 417	NONMOTORIST LOCATION	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - LOCATION

02Sep10 Prcnt Code Value and Description

204	3.7	0	Not applicable - occupant of a motor vehicle in-transport or not in-transport (including motor vehicles parked/stopped off roadway/working/in motion outside the trafficway) and injured railway train occupants
432	7.9	1	Intersection - in crosswalk
296	5.4	2	Intersection - on roadway, not in crosswalk
209	3.8	3	Intersection - on roadway, crosswalk not available
311	5.7	4	Intersection - on roadway, crosswalk availability unknown
65	1.2	5	Intersection - not on roadway
15	0.3	9	Intersection - unknown
45	0.8	10	Nonintersection - in crosswalk
999	18.3	11	Nonintersection - on roadway, not in crosswalk
1836	33.6	12	Nonintersection - on roadway, crosswalk not available
366	6.7	13	Nonintersection - on roadway, crosswalk availability unknown
10	0.2	14	Nonintersection - in parking lane
350	6.4	15	Nonintersection - on road shoulder
1	0.0	16	Nonintersection - bike path
101	1.8	17	Nonintersection - outside trafficway
156	2.9	18	Nonintersection - other, not on roadway
17	0.3	19	Nonintersection - unknown
51	0.9	99	Unknown

Variable 418	NMTR ALCOHOL INVOLVEMENT	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - DRINKING

02Sep10	Prcnt	Code	Value and Description
1751	32.0	0	No (alcohol not involved)
887	16.2	1	Yes (alcohol involved)
1928	35.3	8	Not reported
898	16.4	9	Unknown (police reported)

Variable 419	NMTR METH ALC DETERMINAT	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - ALC_DET

Method of Alcohol Determination (By Police)

02Sep10	Prcnt	Code	Value and Description
703	12.9	1	Evidential test (breath, blood, urine)
5	0.1	2	Preliminary Breath Test (PBT)
0	0.0	3	Behavioral
2	0.0	4	Passive Alcohol Sensor (PAS)
404	7.4	5	Observed
94	1.7	8	Other (e.g., saliva test)
4256	77.9	9	Not reported

Variable 420	ALCOHOL TEST STATUS	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - ALC_STATUS

02Sep10	Prcnt	Code	Value and Description
1660	30.4	0	Test not given
0	0.0	1	Test refused
3425	62.7	2	Test given
379	6.9	9	Unknown if tested / not reported

Variable 421	NMTR ALC TEST TYPE	Width: 2	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - ATST_TYP

02Sep10	Prcnt	Code	Value and Description
1660	30.4	0	Test not given
3268	59.8	1	Blood

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Variable 421:NMTR ALC TEST TYPE (Continued)

02Sep10	Prcnt	Code	Value and Description
4	0.1	2	Breathalyzer "BAC"
21	0.4	3	Urine
25	0.5	4	Vitreous
11	0.2	5	Blood plasma/serum
0	0.0	6	Blood clot
3	0.1	7	Liver
14	0.3	8	Other test type
9	0.2	10	Preliminary breath test (PBT)
70	1.3	98	Unknown test type
379	6.9	99	Unknown if tested / not reported

Variable 422	NMTR ALCOHOL TEST RESULT	Width: 2	Type: Numeric
		Dec: 2	Miss: 0.99

NHTSA SAS Variable - ALC_RES

02Sep10	Prcnt	Code	Value and Description
1840	33.7	0.00	Less than 0.01%
25	0.5	0.01	
		-	Result value (grams/100 ml%)
1	0.0	0.78	
0	0.0	0.94	.94 or greater
1660	30.4	0.96	Test not given
241	4.4	0.97	AC test performed, results unknown
6	0.1	0.98	Positive reading with no actual value
401	7.3	0.99	Unknown if tested / not reported

Variable 423	DRUG INVOLVEMENT	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - DRUGS

Police Reported Other Drug Involvement

02Sep10	Prcnt	Code	Value and Description
1315	24.1	0	No (drugs not involved)
221	4.0	1	Yes (drugs involved)
3113	57.0	8	Not reported
815	14.9	9	Unknown

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<u>Variable 424</u>	<u>DRUG DETERMINATION</u>	Width: 1	Type: Numeric
		Dec: None	Miss: None

NHTSA SAS Variable - DRUG_DET

Method of Other Drug Determination By Police

02Sep10	Prcnt	Code	Value and Description
520	9.5	1	Evidential test (Blood, Urine)
0	0.0	2	Drug Recognition Technician (DRT) determined
8	0.1	3	Behavioral
315	5.8	7	Other
4621	84.6	8	Not reported

<u>Variable 425</u>	<u>DRUG TEST STATUS</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - DSTATUS

02Sep10	Prcnt	Code	Value and Description
2097	38.4	0	Test not given
1	0.0	1	Test refused
3033	55.5	2	Test given
333	6.1	9	Unknown if tested / not reported

<u>Variable 426</u>	<u>DRUG TEST TYPE #1</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - DRUGTST1

02Sep10	Prcnt	Code	Value and Description
2098	38.4	0	Test not given
2740	50.1	1	Blood
81	1.5	2	Urine
115	2.1	3	Both: blood and urine tests
66	1.2	7	Unknown test type
31	0.6	8	Other type test
333	6.1	9	Unknown if tested / not reported

<u>Variable 427</u>	<u>DRUG TEST RESULTS #1</u>	Width: 3	Type: Numeric
		Dec: None	Miss: 999

NHTSA SAS Variable - DRUGRES1

See Appendix A for specific drug code values (100 - 995)

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Variable 427: DRUG TEST RESULTS #1 (Continued)

02Sep10	Prcnt	Code	Value and Description
2098	38.4	0	Test not given
1964	35.9	1	No drugs reported / negative
2	0.0	100	
		-	Narcotic Drug
9	0.2	295	
22	0.4	300	
		-	Depressant Drug
7	0.1	395	
0	0.0	400	
		-	Stimulant Drug
7	0.1	495	
0	0.0	500	
		-	Hallucinogen Drug
1	0.0	595	
11	0.2	600	
		-	Cannabinoid Drug
56	1.0	695	
0	0.0	700	
		-	Phencylidine (PCP)
1	0.0	795	
0	0.0	800	
		-	Anabolic Steroid
0	0.0	895	
0	0.0	900	
		-	Inhalant Drug
0	0.0	995	
114	2.1	996	Other drug
277	5.1	997	Tested for drugs, results unknown
22	0.4	998	Tested for drugs, drugs found, type unknown / positive
348	6.4	999	Unknown if tested / not reported

Variable 428	DRUG TEST TYPE #2	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - DRUGTST2

02Sep10	Prcnt	Code	Value and Description
4571	83.7	0	Test not given
486	8.9	1	Blood
30	0.5	2	Urine

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Variable 428:DRUG TEST TYPE #2 (Continued)

02Sep10	Prcnt	Code	Value and Description
20	0.4	3	Both: blood and urine tests
3	0.1	7	Unknown test type
7	0.1	8	Other type test
347	6.4	9	Unknown if tested / not reported

Variable 429	DRUG TEST RESULTS #2	Width: 3	Type: Numeric
		Dec: None	Miss: 999

NHTSA SAS Variable - DRUGRES2

See Appendix A for specific drug code values (100 - 995)

02Sep10	Prcnt	Code	Value and Description
4570	83.6	0	Test not given
174	3.2	1	No drugs reported / negative
1	0.0	100	
		-	Narcotic Drug
3	0.1	295	
5	0.1	300	
		-	Depressant Drug
2	0.0	395	
0	0.0	400	
		-	Stimulant Drug
2	0.0	495	
0	0.0	500	
		-	Hallucinogen Drug
1	0.0	595	
3	0.1	600	
		-	Cannabinoid Drug
17	0.3	695	
0	0.0	700	
		-	Phencylidine (PCP)
2	0.0	795	
0	0.0	800	
		-	Anabolic Steroid
0	0.0	895	
0	0.0	900	
		-	Inhalant Drug
1	0.0	995	
52	1.0	996	Other drug

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Variable 429: DRUG TEST RESULTS #2 (Continued)

02Sep10	Prcnt	Code	Value and Description
0	0.0	997	Tested for drugs, results unknown
0	0.0	998	Tested for drugs, drugs found, type unknown / positive
347	6.4	999	Unknown if tested / not reported

Variable 430	DRUG TEST TYPE #3	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - DRUGTST3

02Sep10	Prcnt	Code	Value and Description
4782	87.5	0	Test not given
308	5.6	1	Blood
15	0.3	2	Urine
8	0.1	3	Both: blood and urine tests
0	0.0	7	Unknown test type
2	0.0	8	Other type test
349	6.4	9	Unknown if tested / not reported

Variable 431	DRUG TEST RESULTS #3	Width: 3	Type: Numeric
		Dec: None	Miss: 999

NHTSA SAS Variable - DRUGRES3

See Appendix A for specific drug code values (100 - 995)

02Sep10	Prcnt	Code	Value and Description
4782	87.5	0	Test not given
182	3.3	1	No drugs reported / negative
0	0.0	100	- Narcotic Drug
0	0.0	295	
2	0.0	300	- Depressant Drug
0	0.0	395	
0	0.0	400	- Stimulant Drug
1	0.0	495	
0	0.0	500	- Hallucinogen Drug
0	0.0	595	
1	0.0	600	

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Variable 431:DRUG TEST RESULTS #3 (Continued)

02Sep10	Prcnt	Code	Value and Description
		-	Cannabinoid Drug
11	0.2	695	
0	0.0	700	
		-	Phencylidine (PCP)
0	0.0	795	
0	0.0	800	
		-	Anabolic Steroid
0	0.0	895	
0	0.0	900	
		-	Inhalant Drug
0	0.0	995	
41	0.8	996	Other drug
0	0.0	997	Tested for drugs, results unknown
2	0.0	998	Tested for drugs, drugs found, type unknown / positive
349	6.4	999	Unknown if tested / not reported

Variable 432	NMTR INJURY SEVERITY	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - INJ_SEV

02Sep10	Prcnt	Code	Value and Description
109	2.0	0	O - no injury
80	1.5	1	C - possible injury
195	3.6	2	B - nonincapacitating evident injury
200	3.7	3	A - incapacitating injury
4872	89.2	4	K - fatal injury
6	0.1	5	Injured, severity unknown
0	0.0	6	Died prior to crash
2	0.0	9	Unknown

Variable 433	NMT TAKEN TO HOSPITAL BY	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - HOSPITAL

Taken to Hospital or Treatment Facility By

02Sep10	Prcnt	Code	Value and Description
2211	40.5	0	Not transported
3155	57.7	1	Yes, EMS
1	0.0	2	Yes, Law Enforcement

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Variable 433:NMT TAKEN TO HOSPITAL BY (Continued)

02Sep10	Prcnt	Code	Value and Description
18	0.3	3	Yes, Other
4	0.1	4	Yes, Transported by unknown source
75	1.4	9	Unknown

Variable 434	DIED AT SCENE / EN ROUTE	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - DOA

Died at Scene / En Route

02Sep10	Prcnt	Code	Value and Description
3254	59.6	0	Not applicable (non-fatalities and victims dying at locations other than the scene or en route)
2045	37.4	7	Died at scene
104	1.9	8	Died en route
61	1.1	9	Fatal, unknown location

Variable 435	NMTR DEATH DATE - MONTH	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - DEATH_MO

02Sep10	Prcnt	Code	Value and Description
401	7.3	1	January
356	6.5	2	February
368	6.7	3	March
346	6.3	4	April
344	6.3	5	May
370	6.8	6	June
370	6.8	7	July
401	7.3	8	August
422	7.7	9	September
430	7.9	10	October
470	8.6	11	November
443	8.1	12	December
592	10.8	88	Not applicable (non-fatal)
151	2.8	99	Unknown

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Variable 436	NMTR DEATH DATE - DAY	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - DEATH_DA

02Sep10	Prcnt	Code	Value and Description
182	3.3	1	- Day of month
86	1.6	31	
592	10.8	88	Not applicable (non-fatal)
157	2.9	99	Unknown

Variable 437	NMTR DEATH DATE - YEAR	Width: 4	Type: Numeric
		Dec: None	Miss: 9999

NHTSA SAS Variable - DEATH_YR

02Sep10	Prcnt	Code	Value and Description
4738	86.7	2009	2009
15	0.3	2010	2010
592	10.8	8888	Not applicable (non-fatal)
119	2.2	9999	Unknown

Variable 438	NMTR DEATH TIME - HOURS	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - DEATH_HR

02Sep10	Prcnt	Code	Value and Description
190	3.5	0	12:00 midnight - 12:59 am
169	3.1	1	1:00 am - 1:59 am
184	3.4	2	2:00 am - 2:59 am
184	3.4	3	3:00 am - 3:59 am
139	2.5	4	4:00 am - 4:59 am
99	1.8	5	5:00 am - 5:59 am
155	2.8	6	6:00 am - 6:59 am
135	2.5	7	7:00 am - 7:59 am
92	1.7	8	8:00 am - 8:59 am
120	2.2	9	9:00 am - 9:59 am
103	1.9	10	10:00 am - 10:59 am
123	2.3	11	11:00 am - 11:59 am
129	2.4	12	12:00 pm - 12:59 pm
108	2.0	13	1:00 pm - 1:59 pm
126	2.3	14	2:00 pm - 2:59 pm
160	2.9	15	3:00 pm - 3:59 pm
124	2.3	16	4:00 pm - 4:59 pm
178	3.3	17	5:00 pm - 5:59 pm
261	4.8	18	6:00 pm - 6:59 pm
295	5.4	19	7:00 pm - 7:59 pm

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Variable 438:NMTR DEATH TIME - HOURS (Continued)

02Sep10 Prcnt Code Value and Description

337	6.2	20	8:00 pm - 8:59 pm
381	7.0	21	9:00 pm - 9:59 pm
324	5.9	22	10:00 pm - 10:59 pm
286	5.2	23	11:00 pm - 11:59 pm
592	10.8	88	Not applicable (non-fatal)
470	8.6	99	Unknown

Variable 439	NMTR DEATH TIME - MINUTE	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - DEATH_MN

02Sep10 Prcnt Code Value and Description

228	4.2	0	
		-	Minute
57	1.0	59	
592	10.8	88	Not applicable (non-fatal)
476	8.7	99	Unknown

Variable 440	LAG TIME ACC/DEATH - HRS	Width: 3	Type: Numeric
		Dec: None	Miss: 999

NHTSA SAS Variable - LAG_HRS

02Sep10 Prcnt Code Value and Description

2550	46.7	0	
		-	Actual time in hours
1	0.0	705	
1091	20.0	999	Unknown

Variable 441	LAG TIME ACC/DEATH - MIN	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - LAG_MINS

02Sep10 Prcnt Code Value and Description

971	17.8	0	
		-	Minute
36	0.7	59	
1091	20.0	99	Unknown

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<u>Variable 442</u>	<u>NMTR RELATED FACTORS #1</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - P_CF1

Related Factors at Occupant Level - Response #1

02Sep10	Prcnt	Code	Value and Description
2206	40.4	0	Not applicable (driver) or none (all other persons)
353	6.5	1	Not visible
421	7.7	2	Darting, running, or stumbling into roadway
711	13.0	3	Improper crossing of roadway or intersection
620	11.3	4	Walking/riding with or against traffic, playing, working, sitting, lying, standing, etc. in roadway
8	0.1	5	Interfering with driver
9	0.2	6	Ill, passed out / blackout
2	0.0	7	Emotional (e.g., depression, angry, disturbed)
2	0.0	8	Mentally challenged
27	0.5	9	Construction/maintenance/utility worker
39	0.7	10	Inattentive (talking, eating, reading, etc.)
5	0.1	11	Walking with cane or crutches
3	0.1	12	Restricted to wheelchair
11	0.2	13	Motorized wheelchair rider
8	0.1	14	Impaired due to previous injury
230	4.2	15	Under the Influence of Alcohol, Drugs or Medication
6	0.1	16	Blind
4	0.1	17	Other physical impairment
0	0.0	18	Mother of dead fetus
3	0.1	19	Pedestrian jogging
Nonmotor-vehicle operator related factors			
0	0.0	21	Overloading or improper loading of vehicle with passengers or cargo
0	0.0	23	Failing to dim lights or have lights on when required
17	0.3	24	Operating without required equipment
2	0.0	26	Following improperly
12	0.2	27	Improper or erratic lane changing
11	0.2	28	Failure to keep in proper lane
1	0.0	29	Illegal driving on road, shoulder, in ditch, on sidewalk or on median
1	0.0	30	Making improper entry to or exit from trafficway
0	0.0	32	Opening vehicle closure into moving traffic or while vehicle is in motion
0	0.0	33	Passing where prohibited by posted signs, pavement markings, hill or curve, or school bus displaying warning not to pass line
0	0.0	34	Passing on wrong side
0	0.0	35	Passing with insufficient distance or inadequate visibility or failing to yield to overtaking vehicle
0	0.0	36	Operating the veh in an erratic, reckless, careless or negligent manner; operating at erratic or suddenly changing speeds
7	0.1	37	Traveling on prohibited trafficways
495	9.1	38	Failure to yield right-of-way

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Variable 442:NMTR RELATED FACTORS #1 (Continued)

02Sep10	Prcnt	Code	Value and Description
72	1.3	39	Failure to obey actual traffic sign, traffic control devices, traffic officers, failure to obey safety zone traffic laws
0	0.0	40	Passing through or around barrier
0	0.0	41	Failure to observe warnings or instructions on vehicles displaying them
0	0.0	42	Failure to signal intentions
1	0.0	44	Driving too fast for conditions or in excess of posted maximum
0	0.0	45	Driving less than posted minimum
3	0.1	47	Making right turn from left-turn lane or making left turn from right-turn lane
4	0.1	48	Making other improper turn
1	0.0	49	Driving wrong way on one-way trafficway
16	0.3	50	Driving on wrong side of road (intentional or unintentional)
0	0.0	51	Operator inexperience
0	0.0	52	Unfamiliar with roadway
0	0.0	53	Stopped in roadway (vehicle not abandoned)
8	0.1	55	Getting off/out of or on/into a transport vehicle
0	0.0	56	Nondriver flees scene
0	0.0	57	Improper tire pressure
0	0.0	58	Locked wheel
0	0.0	59	Overcorrecting
			Vision obscured by:
1	0.0	60	Rain, snow, fog, smoke, sand, dust
0	0.0	61	Reflected glare, bright sunlight, headlights
0	0.0	62	Curve, hill, or other design features (including traffic signs, embankment)
0	0.0	63	Building, billboard, other structure
1	0.0	64	Trees, crops, vegetation
0	0.0	65	Motor vehicle (including load)
0	0.0	66	Parked vehicle
0	0.0	67	Splash or spray of passing vehicle
0	0.0	68	Inadequate lighting system
0	0.0	69	Obstructing angles on vehicle
0	0.0	70	Mirrors (rear view, side mirrors, others)
0	0.0	72	Other visual obstruction
			Skidding, swerving, sliding due to:
0	0.0	73	Severe crosswind
0	0.0	74	Wind from passing truck
0	0.0	75	Slippery or loose surface
0	0.0	76	Tire blowout or flat
0	0.0	77	Debris or objects in road
0	0.0	78	Ruts, holes, bump in road
0	0.0	79	Live animals in road
1	0.0	80	Vehicle in road
0	0.0	81	Phantom vehicle
4	0.1	82	Pedestrian, pedalcyclist or persons on personal conveyances

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Variable 442:NMTR RELATED FACTORS #1 (Continued)

02Sep10	Prcnt	Code	Value and Description
0	0.0	83	Ice, snow, slush, water, sand, dirt, oil, wet leaves on road
			Other nonmotorist factors:
1	0.0	86	Emergency services personnel
5	0.1	87	Police or law enforcement officer
0	0.0	88	Seat back not in normal upright position, seat back reclined
8	0.1	90	Nonmotorist pushing a vehicle
7	0.1	91	Portable Electronic Devices
117	2.1	99	Unknown

Variable 443	NMTR RELATED FACTORS #2	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - P_CF2

Related Factors at Occupant Level - Response #2

02Sep10	Prcnt	Code	Value and Description
4009	73.4	0	Not applicable (driver) or none (all other persons)
111	2.0	1	Not visible
90	1.6	2	Darting, running, or stumbling into roadway
177	3.2	3	Improper crossing of roadway or intersection
169	3.1	4	Walking/riding with or against traffic, playing, working, sitting, lying, standing, etc. in roadway
8	0.1	5	Interfering with driver
4	0.1	6	Ill, passed out / blackout
13	0.2	7	Emotional (e.g., depression, angry, disturbed)
6	0.1	8	Mentally challenged
2	0.0	9	Construction/maintenance/utility worker
40	0.7	10	Inattentive (talking, eating, reading, etc.)
5	0.1	11	Walking with cane or crutches
0	0.0	12	Restricted to wheelchair
4	0.1	13	Motorized wheelchair rider
7	0.1	14	Impaired due to previous injury
313	5.7	15	Under the Influence of Alcohol, Drugs or Medication
1	0.0	16	Blind
9	0.2	17	Other physical impairment
2	0.0	18	Mother of dead fetus
2	0.0	19	Pedestrian jogging
			Nonmotor-vehicle operator related factors
0	0.0	21	Overloading or improper loading of vehicle with passengers or cargo
1	0.0	23	Failing to dim lights or have lights on when required
19	0.3	24	Operating without required equipment

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Variable 443:NMTR RELATED FACTORS #2 (Continued)

02Sep10	Prcnt	Code	Value and Description
0	0.0	26	Following improperly
5	0.1	27	Improper or erratic lane changing
5	0.1	28	Failure to keep in proper lane
2	0.0	29	Illegal driving on road, shoulder, in ditch, on sidewalk or on median
3	0.1	30	Making improper entry to or exit from trafficway
0	0.0	32	Opening vehicle closure into moving traffic or while vehicle is in motion
0	0.0	33	Passing where prohibited by posted signs, pavement markings, hill or curve, or school bus displaying warning not to pass line
1	0.0	34	Passing on wrong side
0	0.0	35	Passing with insufficient distance or inadequate visibility or failing to yield to overtaking vehicle
0	0.0	36	Operating the veh in an erratic, reckless, careless or negligent manner; operating at erratic or suddenly changing speeds
10	0.2	37	Traveling on prohibited trafficways
243	4.4	38	Failure to yield right-of-way
48	0.9	39	Failure to obey actual traffic sign, traffic control devices, traffic officers, failure to obey safety zone traffic laws
0	0.0	40	Passing through or around barrier
0	0.0	41	Failure to observe warnings or instructions on vehicles displaying them
0	0.0	42	Failure to signal intentions
0	0.0	44	Driving too fast for conditions or in excess of posted maximum
0	0.0	45	Driving less than posted minimum
1	0.0	47	Making right turn from left-turn lane or making left turn from right-turn lane
8	0.1	48	Making other improper turn
1	0.0	49	Driving wrong way on one-way trafficway
9	0.2	50	Driving on wrong side of road (intentional or unintentional)
2	0.0	51	Operator inexperience
0	0.0	52	Unfamiliar with roadway
0	0.0	53	Stopped in roadway (vehicle not abandoned)
4	0.1	55	Getting off/out of or on/into a transport vehicle
0	0.0	56	Nondriver flees scene
0	0.0	57	Improper tire pressure
0	0.0	58	Locked wheel
0	0.0	59	Overcorrecting
			Vision obscured by:
0	0.0	60	Rain, snow, fog, smoke, sand, dust
0	0.0	61	Reflected glare, bright sunlight, headlights
0	0.0	62	Curve, hill, or other design features (including traffic signs, embankment)
0	0.0	63	Building, billboard, other structure
2	0.0	64	Trees, crops, vegetation
0	0.0	65	Motor vehicle (including load)

Variable 443:NMTR RELATED FACTORS #2 (Continued)

02Sep10	Prcnt	Code	Value and Description
2	0.0	66	Parked vehicle
0	0.0	67	Splash or spray of passing vehicle
0	0.0	68	Inadequate lighting system
0	0.0	69	Obstructing angles on vehicle
0	0.0	70	Mirrors (rear view, side mirrors, others)
1	0.0	72	Other visual obstruction
Skidding, swerving, sliding due to:			
0	0.0	73	Severe crosswind
0	0.0	74	Wind from passing truck
0	0.0	75	Slippery or loose surface
0	0.0	76	Tire blowout or flat
0	0.0	77	Debris or objects in road
0	0.0	78	Ruts, holes, bump in road
0	0.0	79	Live animals in road
0	0.0	80	Vehicle in road
0	0.0	81	Phantom vehicle
1	0.0	82	Pedestrian, pedalcyclist or persons on personal conveyances
0	0.0	83	Ice, snow, slush, water, sand, dirt, oil, wet leaves on road
Other nonmotorist factors:			
0	0.0	86	Emergency services personnel
1	0.0	87	Police or law enforcement officer
0	0.0	88	Seat back not in normal upright position, seat back reclined
1	0.0	90	Nonmotorist pushing a vehicle
5	0.1	91	Portable Electronic Devices
117	2.1	99	Unknown

Variable 444	NMTR RELATED FACTORS #3	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - P_CF3

Related Factors at Occupant Level - Response #3

02Sep10	Prcnt	Code	Value and Description
4980	91.1	0	Not applicable (driver) or none (all other persons)
40	0.7	1	Not visible
14	0.3	2	Darting, running, or stumbling into roadway
31	0.6	3	Improper crossing of roadway or intersection
15	0.3	4	Walking/riding with or against traffic, playing, working, sitting, lying, standing, etc. in roadway
3	0.1	5	Interfering with driver
4	0.1	6	Ill, passed out / blackout

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Variable 444:NMTR RELATED FACTORS #3 (Continued)

02Sep10	Prcnt	Code	Value and Description
3	0.1	7	Emotional (e.g., depression, angry, disturbed)
2	0.0	8	Mentally challenged
0	0.0	9	Construction/maintenance/utility worker
9	0.2	10	Inattentive (talking, eating, reading, etc.)
3	0.1	11	Walking with cane or crutches
0	0.0	12	Restricted to wheelchair
4	0.1	13	Motorized wheelchair rider
3	0.1	14	Impaired due to previous injury
107	2.0	15	Under the Influence of Alcohol, Drugs or Medication
2	0.0	16	Blind
3	0.1	17	Other physical impairment
0	0.0	18	Mother of dead fetus
0	0.0	19	Pedestrian jogging
Nonmotor-vehicle operator related factors			
0	0.0	21	Overloading or improper loading of vehicle with passengers or cargo
1	0.0	23	Failing to dim lights or have lights on when required
7	0.1	24	Operating without required equipment
0	0.0	26	Following improperly
1	0.0	27	Improper or erratic lane changing
2	0.0	28	Failure to keep in proper lane
0	0.0	29	Illegal driving on road, shoulder, in ditch, on sidewalk or on median
0	0.0	30	Making improper entry to or exit from trafficway
0	0.0	32	Opening vehicle closure into moving traffic or while vehicle is in motion
0	0.0	33	Passing where prohibited by posted signs, pavement markings, hill or curve, or school bus displaying warning not to pass line
0	0.0	34	Passing on wrong side
0	0.0	35	Passing with insufficient distance or inadequate visibility or failing to yield to overtaking vehicle
0	0.0	36	Operating the veh in an erratic, reckless, careless or negligent manner; operating at erratic or suddenly changing speeds
6	0.1	37	Traveling on prohibited trafficways
82	1.5	38	Failure to yield right-of-way
11	0.2	39	Failure to obey actual traffic sign, traffic control devices, traffic officers, failure to obey safety zone traffic laws
0	0.0	40	Passing through or around barrier
0	0.0	41	Failure to observe warnings or instructions on vehicles displaying them
0	0.0	42	Failure to signal intentions
0	0.0	44	Driving too fast for conditions or in excess of posted maximum
0	0.0	45	Driving less than posted minimum
1	0.0	47	Making right turn from left-turn lane or making left turn from right-turn lane
2	0.0	48	Making other improper turn
0	0.0	49	Driving wrong way on one-way trafficway

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Variable 444:NMTR RELATED FACTORS #3 (Continued)

02Sep10	Prcnt	Code	Value and Description
2	0.0	50	Driving on wrong side of road (intentional or unintentional)
0	0.0	51	Operator inexperience
0	0.0	52	Unfamiliar with roadway
0	0.0	53	Stopped in roadway (vehicle not abandoned)
1	0.0	55	Getting off/out of or on/into a transport vehicle
0	0.0	56	Nondriver flees scene
0	0.0	57	Improper tire pressure
0	0.0	58	Locked wheel
0	0.0	59	Overcorrecting
			Vision obscured by:
1	0.0	60	Rain, snow, fog, smoke, sand, dust
0	0.0	61	Reflected glare, bright sunlight, headlights
0	0.0	62	Curve, hill, or other design features (including traffic signs, embankment)
1	0.0	63	Building, billboard, other structure
0	0.0	64	Trees, crops, vegetation
2	0.0	65	Motor vehicle (including load)
0	0.0	66	Parked vehicle
0	0.0	67	Splash or spray of passing vehicle
0	0.0	68	Inadequate lighting system
0	0.0	69	Obstructing angles on vehicle
0	0.0	70	Mirrors (rear view, side mirrors, others)
0	0.0	72	Other visual obstruction
			Skidding, swerving, sliding due to:
0	0.0	73	Severe crosswind
0	0.0	74	Wind from passing truck
0	0.0	75	Slippery or loose surface
0	0.0	76	Tire blowout or flat
0	0.0	77	Debris or objects in road
0	0.0	78	Ruts, holes, bump in road
0	0.0	79	Live animals in road
0	0.0	80	Vehicle in road
0	0.0	81	Phantom vehicle
0	0.0	82	Pedestrian, pedalcyclist or persons on personal conveyances
0	0.0	83	Ice, snow, slush, water, sand, dirt, oil, wet leaves on road
			Other nonmotorist factors:
0	0.0	86	Emergency services personnel
0	0.0	87	Police or law enforcement officer
0	0.0	88	Seat back not in normal upright position, seat back reclined
0	0.0	90	Nonmotorist pushing a vehicle
4	0.1	91	Portable Electronic Devices
117	2.1	99	Unknown

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<u>Variable 445</u>	<u>NMTR DEATH CERTIFICATE</u>	Width: 12	Type: Alphabetic
		Dec: None	Miss: None

NHTSA SAS Variable - CERT_NO

First four digits - City where death occurred
Next two digits - State where death occurred
Last six digits - Sequence number as defined
by State Vital Statistics Dept

<u>Variable 446</u>	<u>NMTR FATAL INJ AT WORK</u>	Width: 1	Type: Numeric
		Dec: None	Miss: 9

NHTSA SAS Variable - WORK_INJ

02Sep10	Prcnt	Code	Value and Description
3441	63.0	0	No
73	1.3	1	Yes
592	10.8	8	Not applicable (not a fatality)
1358	24.9	9	Unknown

<u>Variable 447</u>	<u>RACE</u>	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - RACE

02Sep10	Prcnt	Code	Value and Description
592	10.8	0	Not a fatality (not applicable)
2376	43.5	1	White
713	13.0	2	Black
76	1.4	3	American Indian (includes Aleuts and Eskimos)
			Asian or Pacific Islander
8	0.1	4	Chinese
6	0.1	5	Japanese
3	0.1	6	Hawaiian (includes part-Hawaiian)
7	0.1	7	Filipino
9	0.2	18	Asian Indian
3	0.1	19	Other Indian (includes South and Central America, any others, except American or Asian Indians)
9	0.2	28	Korean
0	0.0	38	Samoan
8	0.1	48	Vietnamese
1	0.0	58	Guamanian
17	0.3	68	Other Asian or Pacific Islander
15	0.3	78	Asian or Pacific Islander, no specific (individual) race
6	0.1	97	Multiple races (individuals races not specified; ex. "mixed")
41	0.8	98	All other races

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Variable 447:RACE (Continued)

02Sep10 Prcnt Code Value and Description

1574 28.8 99 Unknown

Variable 448	HISPANIC ORIGIN	Width: 2	Type: Numeric
		Dec: None	Miss: 99

NHTSA SAS Variable - HISPANIC

02Sep10 Prcnt Code Value and Description

592	10.8	0	Not a fatality (not applicable)
158	2.9	1	Mexican
18	0.3	2	Puerto Rican
23	0.4	3	Cuban
47	0.9	4	Central or South American
11	0.2	5	European Spanish
193	3.5	6	Hispanic, origin not specified or other origin
2740	50.1	7	Non-Hispanic
1682	30.8	99	Unknown

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Index to Variables and Code Value Names

"*" = Variable Name (i.e., no code value)

"+" = Many code values for this variable

Item	Var	CV	Variable Name or Code Value
abandoned	140	4	Abandoned / left at scene
abandoned	229	54	Stopped in roadway (vehicle not abandone
abandoned	230	54	Stopped in roadway (vehicle not abandone
abandoned	231	54	Stopped in roadway (vehicle not abandone
abandoned	232	54	Stopped in roadway (vehicle not abandone
abandoned	342	53	Stopped in roadway (vehicle not abandone
abandoned	343	53	Stopped in roadway (vehicle not abandone
abandoned	344	53	Stopped in roadway (vehicle not abandone
abandoned	442	53	Stopped in roadway (vehicle not abandone
abandoned	443	53	Stopped in roadway (vehicle not abandone
abandoned	444	53	Stopped in roadway (vehicle not abandone
abutment	25	21	Bridge pier or abutment
abutment	144	21	Bridge pier or abutment
abutment	145	21	Bridge pier or abutment
abutment	146	21	Bridge pier or abutment
abutment	147	21	Bridge pier or abutment
abutment	148	21	Bridge pier or abutment
abutment	149	21	Bridge pier or abutment
abutment	152	21	Bridge pier or abutment
ac	322	97	AC test performed, results unknown
ac	422	97	AC test performed, results unknown
access	27	4	Driveway, alley access, etc.
access	216	93	Driving where prohibited (sidewalk, limi
access	217	93	Driving where prohibited (sidewalk, limi
access	218	93	Driving where prohibited (sidewalk, limi
activated	36	68	Other train activated device
active	36	69	Active device, type unknown
activities	142	41	Police, fire, or EMS vehicle working at
activities	143	41	Police, fire, or EMS vehicle working at
acura	108	54	Acura
adaptive	142	44	Adaptive equipment
adaptive	143	44	Adaptive equipment
additional	40	0	No additional atmospheric condition
additional	41	0	No additional atmospheric conditions
advance	36	31	School advance or crossing sign
adverse	40	1	Clear / cloudy (no adverse atmospheric c
adverse	41	1	Clear / cloudy (no adverse atmospheric c
age	308	*	OCCUPANT AGE
age	408	*	NONMOTORIST AGE
aggressive	50	13	Aggressive driving / Road rage by non-co
aggressive	51	13	Aggressive driving/Road rage by non-cont
aggressive	52	13	Aggressive driving/Road rage by non-cont
aggressive	229	8	Aggressive driving / road rage
aggressive	230	8	Aggressive driving/road rage
aggressive	231	8	Aggressive driving/road rage
aggressive	232	8	Aggressive driving/road rage
aid	216	8	Fail to give aid, info., wait for police
aid	217	8	Fail to give aid, info., wait for police
aid	218	8	Fail to give aid, info., wait for police
a-injured	63	*	NUMBER A-INJ IN CRASH
a-injured	178	*	NUMBER A-INJURED IN VEH
air	142	17	Air bag
air	313	*	AIR BAG DEPLOYED
air	413	*	NONMOTORIST AIR BAG

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Item	Var	CV	Variable Name or Code Value
airbags	143	17	Airbags
airborne	144	67	Vehicle went airborne
airborne	145	67	Vehicle went airborne
airborne	146	67	Vehicle went airborne
airborne	147	67	Vehicle went airborne
airborne	148	67	Vehicle went airborne
airborne	149	67	Vehicle went airborne
alabama	1	1	Alabama
alabama	123	1	Alabama
alabama	159	1	Alabama
alabama	209	1	Alabama
alaska	1	2	Alaska
alaska	123	2	Alaska
alaska	159	2	Alaska
alaska	209	2	Alaska
alcohol	216	11	Driving while intoxicated (alcohol or dr
alcohol	217	11	Driving while intoxicated (alcohol or dr
alcohol	218	11	Driving while intoxicated (alcohol or dr
alcohol	229	5	Under the influence of alcohol, drugs or
alcohol	230	5	Under the influence of alcohol, drugs or
alcohol	231	5	Under the influence of alcohol, drugs or
alcohol	232	5	Under the influence of alcohol, drugs or
alcohol	318	*	OCC ALCOHOL INVOLVEMENT
alcohol	319	*	OCC METHOD ALC DETERMIN
alcohol	320	*	ALCOHOL TEST STATUS
alcohol	321	*	ALCOHOL TEST TYPE
alcohol	322	*	OCC ALCOHOL TEST RESULT
alcohol	342	15	Under the influence of alcohol, drugs or
alcohol	343	15	Under the influence of alcohol, drugs or
alcohol	344	15	Under the influence of alcohol, drugs or
alcohol	418	*	NMTR ALCOHOL INVOLVEMENT
alcohol	419	*	NMTR METH ALC DETERMINAT
alcohol	420	*	ALCOHOL TEST STATUS
alcohol	421	*	NMTR ALC TEST TYPE
alcohol	422	*	NMTR ALCOHOL TEST RESULT
alcohol	442	15	Under the Influence of Alcohol, Drugs or
alcohol	443	15	Under the Influence of Alcohol, Drugs or
alcohol	444	15	Under the Influence of Alcohol, Drugs or
aleuts	347	3	American Indian (includes Aleuts and Esk
aleuts	447	3	American Indian (includes Aleuts and Esk
alfa	108	31	Alfa Romeo
alignment	32	*	ROADWAY ALIGNMENT
alley	27	4	Driveway, alley access, etc.
all-terrain	110	90	ATV (All-Terrain Vehicle; includes 3 or
altered	142	35	Reconstructed/altered vehicle
altered	143	35	Reconstructed/altered vehicle
alternative	142	36	Electric / alternative fuel vehicle
alternative	143	36	Electric / alternative fuel vehicle
ambulance	133	6	Ambulance
america	347	19	Other Indian (includes South and Central
america	447	19	Other Indian (includes South and Central
american	24	3	American Indian reservation
american	108	1	American Motors
american	109	+	Rambler/American
american	347	3	American Indian (includes Aleuts and Esk
american	447	3	American Indian (includes Aleuts and Esk
american indian nation	209	93	American Indian Nation

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Item	Var	CV	Variable Name or Code Value
american samoa	159	3	American Samoa
american samoa	209	3	American Samoa
angle	26	3	Angle - front-to-side, same direction
angle	233	14	Obstructing angles on vehicle
angle	234	14	Obstructing angles on vehicle
angle	235	14	Obstructing angles on vehicle
angle	342	69	Obstructing angles on vehicle
angle	343	69	Obstructing angles on vehicle
angle	344	69	Obstructing angles on vehicle
angle	442	69	Obstructing angles on vehicle
angle	443	69	Obstructing angles on vehicle
angle	444	69	Obstructing angles on vehicle
angry	229	3	Emotional (e.g., depression, angry, dist
angry	230	3	Emotional (e.g., depression, angry, dist
angry	231	3	Emotional (e.g., depression, angry, dist
angry	232	3	Emotional (e.g., depression, angry, dist
angry	342	7	Emotional (e.g., depression, angry, dist
angry	343	7	Emotional (e.g., depression, angry, dist
angry	344	7	Emotional (e.g., depression, angry, dist
angry	442	7	Emotional (e.g., depression, angry, dist
angry	443	7	Emotional (e.g., depression, angry, dist
angry	444	7	Emotional (e.g., depression, angry, dist
animal	25	11	Live animal
animal	144	11	Live animal
animal	145	11	Live animal
animal	146	11	Live animal
animal	147	11	Live animal
animal	148	11	Live animal
animal	149	11	Live animal
animal	150	9	Controlled maneuver to avoid an animal,
animal	152	11	Live animal
animal	229	83	Live animals in road
animal	230	83	Live animals in road
animal	231	83	Live animals in road
animal	232	83	Live animals in road
animal	342	79	Live animals in road
animal	343	79	Live animals in road
animal	344	79	Live animals in road
animal	442	79	Live animals in road
animal	443	79	Live animals in road
animal	444	79	Live animals in road
animal-drawn	25	49	Ridden animal or animal-drawn conveyance
animal-drawn	144	49	Ridden animal or animal-drawn conveyance
animal-drawn	145	49	Ridden animal or animal-drawn conveyance
animal-drawn	146	49	Ridden animal or animal-drawn conveyance
animal-drawn	147	49	Ridden animal or animal-drawn conveyance
animal-drawn	148	49	Ridden animal or animal-drawn conveyance
animal-drawn	149	49	Ridden animal or animal-drawn conveyance
animal-drawn	152	49	Ridden animal or animal-drawn conveyance
ansi	110	14	Compact utility (ANSI D-16 utility vehic
april	9	4	April
april	224	4	April
april	226	4	April
april	335	4	April
april	435	4	April
arizona	1	4	Arizona
arizona	123	4	Arizona

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Item	Var	CV	Variable Name or Code Value
arizona	159	4	Arizona
arizona	209	4	Arizona
arkansas	1	5	Arkansas
arkansas	123	5	Arkansas
arkansas	159	5	Arkansas
arkansas	209	5	Arkansas
arrival	45	*	EMS ARRIVAL - HOUR
arrival	46	*	EMS ARRIVAL - MINUTE
arrived	46	98	Unknown if arrived
arrow	216	41	Turn in violation of traffic control (di
arrow	217	41	Turn in violation of traffic control (di
arrow	218	41	Turn in violation of traffic control (di
arterial	19	1	Principal arterial - interstate
articulated	127	0	Not an articulated vehicle
asian	347	18	Asian Indian
asian	447	18	Asian Indian
asleep	229	1	Drowsy, sleepy, asleep, fatigued
asleep	230	1	Drowsy, sleepy, asleep, fatigued
asleep	231	1	Drowsy, sleepy, asleep, fatigued
asleep	232	1	Drowsy, sleepy, asleep, fatigued
asphalt	34	2	Blacktop, bituminous, or asphalt
assault	229	91	Nontraffic violation charged (manslaught
assault	230	91	Nontraffic violation charged (manslaught
assault	231	91	Nontraffic violation charged (manslaught
assault	232	91	Nontraffic violation charged (manslaught
atmospheric	40	*	ATMOSPHERIC CONDITION #1
atmospheric	41	*	ATMOSPHERIC CONDITION #2
attenuator	25	20	Impact attenuator/crash cushion
attenuator	144	20	Impact attenuator/crash cushion
attenuator	145	20	Impact attenuator/crash cushion
attenuator	146	20	Impact attenuator/crash cushion
attenuator	147	20	Impact attenuator/crash cushion
attenuator	148	20	Impact attenuator/crash cushion
attenuator	149	20	Impact attenuator/crash cushion
attenuator	152	20	Impact attenuator/crash cushion
atv	110	82	3-wheel motorcycle or moped - not ATV
audi	108	32	Audi
august	9	8	August
august	224	8	August
august	226	8	August
august	335	8	August
august	435	8	August
austin	108	33	Austin/Healey
authorized	216	6	Fail to obey police, fireman, authorized
authorized	217	6	Fail to obey police, fireman, authorized
authorized	218	6	Fail to obey police, fireman, authorized
auto-based	110	10	Auto-based pickup
autocar	108	89	White/Autocar - White/GMC
automobile	110	9	Other or unknown automobile type
avoid	150	9	Controlled maneuver to avoid an animal,
avoidance	151	*	CRASH AVOIDANCE MANEUVER
axle	130	1	Single Unit Truck (SUT): 2 axles, 6 tire
axle	131	*	NUMBER OF AXLES
axle	142	4	Suspension - includes springs, shock-abs
axle	143	4	Suspension - includes springs, shock-abs
bac	216	11	Driving while intoxicated (alcohol or dr
bac	217	11	Driving while intoxicated (alcohol or dr

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
bac	218	11	Driving while intoxicated (alcohol or dr
bac	322	0	BAC result < 0.01%
backing	150	15	Backing up (other than for parking purpo
backing	216	98	Other moving violation (coasting, backin
backing	217	98	Other moving violation (coasting, backin
backing	218	98	Other moving violation (coasting, backin
backing	229	31	Starting or backing improperly
backing	230	31	Starting or backing improperly
backing	231	31	Starting or backing improperly
backing	232	31	Starting or backing improperly
bag	142	17	Air bag
bag	313	*	AIR BAG DEPLOYED
bag	413	*	NONMOTORIST AIR BAG
ball-joint	142	3	Steering system - includes tie-rod, king
ball-joint	143	3	Steering system - includes tie-rod, king
barrier	25	25	Concrete traffic barrier
barrier	29	2	Divided highway, median strip (without t
barrier	144	25	Concrete traffic barrier
barrier	145	25	Concrete traffic barrier
barrier	146	25	Concrete traffic barrier
barrier	147	25	Concrete traffic barrier
barrier	148	25	Concrete traffic barrier
barrier	149	25	Concrete traffic barrier
barrier	152	25	Concrete traffic barrier
barrier	229	40	Passing through or around barrier
barrier	230	40	Passing through or around barrier
barrier	231	40	Passing through or around barrier
barrier	232	40	Passing through or around barrier
barrier	342	40	Passing through or around barrier
barrier	343	40	Passing through or around barrier
barrier	344	40	Passing through or around barrier
barrier	442	40	Passing through or around barrier
barrier	443	40	Passing through or around barrier
barrier	444	40	Passing through or around barrier
beacon	36	5	Flashing beacon
bearing	142	4	Suspension - includes springs, shock-abs
bearing	143	4	Suspension - includes springs, shock-abs
behavioral	319	3	Behavioral
behavioral	324	3	Behavioral
behavioral	419	3	Behavioral
behavioral	424	3	Behavioral
bell	36	64	Bells
belt	142	19	Safety belts
belt	143	19	Safety belts
belt	312	1	Shoulder belt
belt	313	7	Deployed: other (knee, air belt, etc.)
belt	412	1	Shoulder belt
belt	413	7	Deployed: other (knee, air belt, etc.)
bicycle	110	81	Moped (motorized bicycle)
bicycle	312	6	Bicycle helmet
bicycle	412	6	Bicycle helmet
bicyclist	410	6	Bicyclist
bike	17	*	NUMBER OF PED/BIKE FORMS
bike	417	16	Nonintersection - bike path
billboard	233	4	Building, billboard, other structure
billboard	234	4	Building, billboard, other structure
billboard	235	4	Building, billboard, other structure

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
billboard	342	63	Building, billboard, other structure
billboard	343	63	Building, billboard, other structure
billboard	344	63	Building, billboard, other structure
billboard	442	63	Building, billboard, other structure
billboard	443	63	Building, billboard, other structure
billboard	444	63	Building, billboard, other structure
b-injured	62	*	NUMBER B-INJ IN CRASH
b-injured	177	*	NUMBER B-INJURED IN VEH
bituminous	34	2	Blacktop, bituminous, or asphalt
black	347	2	Black
black	447	2	Black
blackout	229	2	Ill, passed out/blackout
blackout	230	2	Ill, passed out/blackout
blackout	231	2	Ill, passed out/blackout
blackout	232	2	Ill, passed out/blackout
blackout	342	6	Ill, passed out / blackout
blackout	343	6	Ill, passed out / blackout
blackout	344	6	Ill, passed out / blackout
blackout	442	6	Ill, passed out / blackout
blackout	443	6	Ill, passed out / blackout
blackout	444	6	Ill, passed out / blackout
blacktop	34	2	Blacktop, bituminous, or asphalt
blind	342	16	Blind
blind	343	16	Blind
blind	344	16	Blind
blind	442	16	Blind
blind	443	16	Blind
blind	444	16	Blind
block	34	3	Brick or block
blood	319	1	Evidential test (breath, blood, urine)
blood	321	1	Blood
blood	324	1	Evidential test (Blood, Urine)
blood	326	1	Blood
blood	328	1	Blood
blood	330	1	Blood
blood	419	1	Evidential test (breath, blood, urine)
blood	421	1	Blood
blood	424	1	Evidential test (Blood, Urine)
blood	426	1	Blood
blood	428	1	Blood
blood	430	1	Blood
blowing	40	4	Snow or blowing snow
blowing	41	4	Snow or blowing snow
blown	144	61	Equipment failure (blown tire, brake fai
blown	145	61	Equipment failure (blown tire, brake fai
blown	146	61	Equipment failure (blown tire, brake fai
blown	147	61	Equipment failure (blown tire, brake fai
blown	148	61	Equipment failure (blown tire, brake fai
blown	149	61	Equipment failure (blown tire, brake fai
blowout	229	80	Tire blowout or flat
blowout	230	80	Tire blowout or flat
blowout	231	80	Tire blowout or flat
blowout	232	80	Tire blowout or flat
blowout	342	76	Tire blowout or flat
blowout	343	76	Tire blowout or flat
blowout	344	76	Tire blowout or flat
blowout	442	76	Tire blowout or flat

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
blowout	443	76	Tire blowout or flat
blowout	444	76	Tire blowout or flat
bluebird	108	90	Bluebird
bmw	108	34	BMW
bobtail	130	5	Truck tractor (bobtail)
body	110	*	BODY TYPE
body	132	*	CARGO BODY TYPE
body	142	14	Body, doors, hood, other
body	143	14	Body, doors, hood, other
body	166	*	VIN BODY TYPE
book	216	73	Commercial driver violations (log book,
book	217	73	Commercial driver violations (log book,
book	218	73	Commercial driver violations (log book,
booster	312	4	Child safety seat/booster seat - type un
booster	412	4	Child safety seat/booster seat - type un
boulder	25	17	Boulder
boulder	144	17	Boulder
boulder	145	17	Boulder
boulder	146	17	Boulder
boulder	147	17	Boulder
boulder	148	17	Boulder
boulder	149	17	Boulder
boulder	152	17	Boulder
box	25	53	Mail box
box	132	1	Van/enclosed box
box	144	53	Mail box
box	145	53	Mail box
box	146	53	Mail box
box	147	53	Mail box
box	148	53	Mail box
box	149	53	Mail box
box	152	53	Mail box
brake	142	2	Brake system
brake	143	2	Brake system
brake	144	61	Equipment failure (blown tire, brake fai
brake	145	61	Equipment failure (blown tire, brake fai
brake	146	61	Equipment failure (blown tire, brake fai
brake	147	61	Equipment failure (blown tire, brake fai
brake	148	61	Equipment failure (blown tire, brake fai
brake	149	61	Equipment failure (blown tire, brake fai
brake	216	82	Brake violations
brake	217	82	Brake violations
brake	218	82	Brake violations
braking	151	1	Braking (skid marks evident)
breath	319	1	Evidential test (breath, blood, urine)
breath	321	10	Preliminary breath test (PBT)
breath	419	1	Evidential test (breath, blood, urine)
breath	421	10	Preliminary breath test (PBT)
breathalyzer	321	2	Breathalyzer "BAC"
breathalyzer	421	2	Breathalyzer "BAC"
brick	34	3	Brick or block
bridge	25	21	Bridge pier or abutment
bridge	50	6	Inadequate construction or poor design o
bridge	51	6	Inadequate construction or poor design o
bridge	52	6	Inadequate construction or poor design o
bridge	144	21	Bridge pier or abutment
bridge	145	21	Bridge pier or abutment

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
bridge	146	21	Bridge pier or abutment
bridge	147	21	Bridge pier or abutment
bridge	148	21	Bridge pier or abutment
bridge	149	21	Bridge pier or abutment
bridge	152	21	Bridge pier or abutment
bridge	216	24	Exceeding special speed limit (e.g.: for
bridge	217	24	Exceeding special speed limit (e.g.: for
bridge	218	24	Exceeding special speed limit (e.g.: for
bright	233	2	Reflected glare, bright sunlight, headli
bright	234	2	Reflected glare, bright sunlight, headli
bright	235	2	Reflected glare, bright sunlight, headli
bright	342	61	Reflected glare, bright sunlight, headli
bright	343	61	Reflected glare, bright sunlight, headli
bright	344	61	Reflected glare, bright sunlight, headli
bright	442	61	Reflected glare, bright sunlight, headli
bright	443	61	Reflected glare, bright sunlight, headli
bright	444	61	Reflected glare, bright sunlight, headli
broadside	26	5	Angle - front-to-side, right angle (incl
brockway	108	80	Brockway
broken	233	13	Broken or improperly cleaned windshield
broken	234	13	Broken or improperly cleaned windshield
broken	235	13	Broken or improperly cleaned windshield
bsa	108	70	BSA
buggy	110	97	Other vehicle type (includes go-cart, fo
buick	108	18	Buick
building	25	19	Building
building	144	19	Building
building	145	19	Building
building	146	19	Building
building	147	19	Building
building	148	19	Building
building	149	19	Building
building	152	19	Building
building	233	4	Building, billboard, other structure
building	234	4	Building, billboard, other structure
building	235	4	Building, billboard, other structure
building	342	63	Building, billboard, other structure
building	343	63	Building, billboard, other structure
building	344	63	Building, billboard, other structure
building	442	63	Building, billboard, other structure
building	443	63	Building, billboard, other structure
building	444	63	Building, billboard, other structure
buildings	410	10	Persons in/on buildings
built	108	94	Thomas Built
bump	229	82	Ruts, holes, bumps in road
bump	230	82	Ruts, holes, bumps in road
bump	231	82	Ruts, holes, bumps in road
bump	232	82	Ruts, holes, bumps in road
bump	342	78	Ruts, holes, bumps in road
bump	343	78	Ruts, holes, bump in road
bump	344	78	Ruts, holes, bump in road
bump	442	78	Ruts, holes, bump in road
bump	443	78	Ruts, holes, bump in road
bump	444	78	Ruts, holes, bump in road
bus	49	*	SCHOOL BUS RELATED
bus	110	50	School bus
bus	130	0	Not applicable, not a medium/heavy truck

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
bus	132	22	Bus (seats 9 or more persons, including
bus	133	2	Vehicle used as school bus
bus	162	*	BUS USE
bus	216	55	Pass stopped school bus
bus	217	55	Pass stopped school bus
bus	218	55	Pass stopped school bus
bus	229	33	Passing where prohibited by posted signs
bus	230	33	Passing where prohibited by posted signs
bus	231	33	Passing where prohibited by posted signs
bus	232	33	Passing where prohibited by posted signs
bus	342	33	Passing where prohibited by posted signs
bus	343	33	Passing where prohibited by posted signs
bus	344	33	Passing where prohibited by posted signs
bus	442	33	Passing where prohibited by posted signs
bus	443	33	Passing where prohibited by posted signs
bus	444	33	Passing where prohibited by posted signs
buses	110	21	Large van - includes van-based buses)
buses	216	24	Exceeding special speed limit (e.g.: for
buses	217	24	Exceeding special speed limit (e.g.: for
buses	218	24	Exceeding special speed limit (e.g.: for
business	124	3	Veh registered as business/company/gover
cab	110	40	Cab chassis based (includes light stake,
cab	311	50	Sleeper section of cab (truck)
cab	411	50	Sleeper section of cab (truck)
cable	25	57	Cable barrier
cable	144	57	Cable barrier
cable	145	57	Cable barrier
cable	146	57	Cable barrier
cable	147	57	Cable barrier
cable	148	57	Cable barrier
cable	149	57	Cable barrier
cable	152	57	Cable barrier
cadillac	108	19	Cadillac
california	1	6	California
california	123	6	California
california	159	6	California
california	209	6	California
camper	110	32	Pickup with slide-in camper
campus	24	4	College/University campus
canada	123	95	Canada
canada	159	95	Canada
canada	209	95	Canada
canceled	46	97	Officially canceled
canceled	48	97	Officially canceled
canceled	211	4	Canceled or denied
canceled	212	4	Canceled or denied
cane	342	11	Walking with cane or crutches
cane	343	11	Walking with cane or crutches
cane	344	11	Walking with cane or crutches
cane	442	11	Walking with cane or crutches
cane	443	11	Walking with cane or crutches
cane	444	11	Walking with cane or crutches
car	130	80	Passenger car (only when displaying a ha
card	216	75	Fail to carry insurance card
card	217	75	Fail to carry insurance card
card	218	75	Fail to carry insurance card
care	142	37	Transporting children to/from Head Start

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
care	143	37	Transporting children to/from Head Start
careless	216	4	Inattentive, careless, improper driving
careless	217	4	Inattentive, careless, improper driving
careless	218	4	Inattentive, careless, improper driving
careless	229	6	Operating the vehicle in careless or Ina
careless	230	6	Operating the vehicle in careless or Ina
careless	231	6	Operating the vehicle in careless or Ina
careless	232	6	Operating the vehicle in careless or Ina
careless	342	36	Operating the veh in an erratic, reckles
careless	343	36	Operating the veh in an erratic, reckles
careless	344	36	Operating the veh in an erratic, reckles
careless	442	36	Operating the veh in an erratic, reckles
careless	443	36	Operating the veh in an erratic, reckles
careless	444	36	Operating the veh in an erratic, reckles
cargo	25	6	Injured in vehicle (other than cargo/equ
cargo	50	14	Motor vehicle struck by falling cargo, o
cargo	51	14	Motor vehicle struck by falling cargo, o
cargo	52	14	Motor vehicle struck by falling cargo, o
cargo	132	*	CARGO BODY TYPE
cargo	144	6	Injured in vehicle (other than cargo/equ
cargo	145	6	Injured in vehicle (other than cargo/equ
cargo	146	6	Injured in vehicle (other than cargo/equ
cargo	147	6	Injured in vehicle (other than cargo/equ
cargo	148	6	Injured in vehicle (other than cargo/equ
cargo	149	6	Injured in vehicle (other than cargo/equ
cargo	152	6	Injured in vehicle (other than cargo/equ
cargo	216	85	Violation of hazardous cargo regulations
cargo	217	85	Violation of hazardous cargo regulations
cargo	218	85	Violation of hazardous cargo regulations
cargo	229	21	Overloading or improper loading of vehic
cargo	230	21	Overloading or improper loading of vehic
cargo	231	21	Overloading or improper loading of vehic
cargo	232	21	Overloading or improper loading of vehic
cargo	311	51	Other passenger in enclosed passenger or
cargo	342	21	Overloading or improper loading of vehic
cargo	343	21	Overloading or improper loading of vehic
cargo	344	21	Overloading or improper loading of vehic
cargo	411	51	Other passenger in enclosed passenger or
cargo	442	21	Overloading or improper loading of vehic
cargo	443	21	Overloading or improper loading of vehic
cargo	444	21	Overloading or improper loading of vehic
carrier	159	*	MOTOR CARRIER STATE
carrier	160	*	MOTOR CARRIER ID NUMBER
carrier	161	*	MOTOR CARRIER ID NUMBER
carry	216	75	Fail to carry insurance card
carry	217	75	Fail to carry insurance card
carry	218	75	Fail to carry insurance card
cart	110	97	Other vehicle type (includes go-cart, fo
categories	110	14	Compact utility (ANSI D-16 utility vehic
caved	50	7	Surface washed out (caved in, road slipp
caved	51	7	Surface washed out (caved in, road slipp
caved	52	7	Surface washed out (caved in, road slipp
cdl	212	*	CDL LICENSE STATUS
cdl	214	8	Unknown if CDL and/or CDL endorsement re
cdls	216	11	Driving while intoxicated (alcohol or dr
cdls	217	11	Driving while intoxicated (alcohol or dr
cdls	218	11	Driving while intoxicated (alcohol or dr

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
cell	342	91	Portable electronic devices (cell phone,
cell	343	91	Portable electronic devices (cell phone,
cell	344	91	Portable electronic devices (cell phone,
cellular	229	93	Cellular telephone present in vehicle
cellular	230	93	Cellular telephone present in vehicle
cellular	231	93	Cellular telephone present in vehicle
cellular	232	93	Cellular telephone present in vehicle
centerline	144	65	Cross median/centerline
centerline	145	65	Cross median/centerline
centerline	146	65	Cross median/centerline
centerline	147	65	Cross median/centerline
centerline	148	65	Cross median/centerline
centerline	149	65	Cross median/centerline
central	347	19	Other Indian (includes South and Central
central	447	19	Other Indian (includes South and Central
central or south america	348	4	Central or South American
central or south america	448	4	Central or South American
certificate	345	*	OCC DEATH CERTIFICATE
certificate	445	*	NMTR DEATH CERTIFICATE
challenged	229	13	Mentally challenged
challenged	230	13	Mentally challenged
challenged	231	13	Mentally challenged
challenged	232	13	Mentally challenged
challenged	342	8	Mentally challenged
challenged	343	8	Mentally challenged
challenged	344	8	Mentally challenged
challenged	442	8	Mentally challenged
challenged	443	8	Mentally challenged
challenged	444	8	Mentally challenged
change	216	61	Unsafe or prohibited lane change
change	217	61	Unsafe or prohibited lane change
change	218	61	Unsafe or prohibited lane change
changing	150	16	Changing lanes or merging
changing	229	27	Improper or erratic lane changing
changing	230	27	Improper or erratic lane changing
changing	231	27	Improper or erratic lane changing
changing	232	27	Improper or erratic lane changing
changing	342	27	Improper or erratic lane changing
changing	343	27	Improper or erratic lane changing
changing	344	27	Improper or erratic lane changing
changing	442	27	Improper or erratic lane changing
changing	443	27	Improper or erratic lane changing
changing	444	27	Improper or erratic lane changing
charged	216	*	VIOLATIONS CHARGED #1
charged	217	*	VIOLATIONS CHARGED #2
charged	218	*	VIOLATIONS CHARGED #3
charged	229	91	Nontraffic violation charged (manslaught
charged	230	91	Nontraffic violation charged (manslaught
charged	231	91	Nontraffic violation charged (manslaught
charged	232	91	Nontraffic violation charged (manslaught
chassis	110	12	Large limousine - more than four side do
chassis	132	11	Intermodal container chassis
chemical	216	18	Refusal to submit to chemical test
chemical	217	18	Refusal to submit to chemical test
chemical	218	18	Refusal to submit to chemical test
chevrolet	108	20	Chevrolet
child	312	4	Child safety seat/booster seat - type un

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
child	412	4	Child safety seat/booster seat - type un
children	142	37	Transporting children to/from Head Start
children	143	37	Transporting children to/from Head Start
chinese	347	4	Chinese
chinese	447	4	Chinese
chips	132	8	Grain/chips/gravel
chrysler	108	6	Chrysler
c-injured	61	*	NUMBER C-INJ IN CRASH
c-injured	176	*	NUMBER C-INJURED IN VEH
city	7	*	CITY
city	110	52	Transit bus (city bus)
class	19	*	ROADWAY FUNCTION CLASS
class	154	*	HAZ MATERIAL CLASS NUM
class	214	*	LICENSE CLASS COMPLIANCE
cleaned	233	13	Broken or improperly cleaned windshield
cleaned	234	13	Broken or improperly cleaned windshield
cleaned	235	13	Broken or improperly cleaned windshield
clear	40	1	Clear / cloudy (no adverse atmospheric c
clear	41	1	Clear / cloudy (no adverse atmospheric c
clock	135	18	This vehicle set something in motion cau
clock	136	18	This vehicle set something in motion cau
closely	216	58	Following too closely
closely	217	58	Following too closely
closely	218	58	Following too closely
closure	229	32	Opening closure into moving traffic or w
closure	230	32	Opening closure into moving traffic or w
closure	231	32	Opening closure into moving traffic or w
closure	232	32	Opening closure into moving traffic or w
closure	342	32	Opening vehicle closure into moving traf
closure	343	32	Opening vehicle closure into moving traf
closure	344	32	Opening vehicle closure into moving traf
closure	442	32	Opening vehicle closure into moving traf
closure	443	32	Opening vehicle closure into moving traf
closure	444	32	Opening vehicle closure into moving traf
clot	321	6	Blood clot
clot	421	6	Blood clot
cloudy	40	1	Clear / cloudy (no adverse atmospheric c
cloudy	41	1	Clear / cloudy (no adverse atmospheric c
coach	108	91	Eagle Coach
coasting	216	98	Other moving violation (coasting, backin
coasting	217	98	Other moving violation (coasting, backin
coasting	218	98	Other moving violation (coasting, backin
code	170	*	VIN TRUCK FUEL CODE
code	171	*	VIN TRUCK WEIGHT CODE
code	228	*	DRIVER'S ZIP CODE
collector	19	4	Major collector
college	24	4	College/University campus
collision	26	*	MANNER OF COLLISION
color	36	1	Traffic control signal (on colors) witho
colorado	1	8	Colorado
colorado	123	8	Colorado
colorado	159	8	Colorado
colorado	209	8	Colorado
combination	110	71	Unknown if single unit or combination un
combination	313	8	Deployed: combination
combination	413	8	Deployed: combination
combustible	154	3	Flammable liquid and combustible liquid

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
commercial	216	73	Commercial driver violations (log book,
commercial	217	73	Commercial driver violations (log book,
commercial	218	73	Commercial driver violations (log book,
commuter	162	6	Used as a commuter bus
compact	110	14	Compact utility (ANSI D-16 utility vehic
company	124	3	Veh registered as business/company/gover
compartment	137	1	Underride, compartment intrusion
compliance	213	3	Endorsement(s) required, compliance unkn
compliance	214	*	LICENSE CLASS COMPLIANCE
compliance	215	3	Restrictions, compliance unknown
complied	213	1	Endorsement(s) required, complied with
complied	215	1	Restrictions complied with
complied	229	73	Driver has not complied with learner's p
complied	230	73	Driver has not complied with learner's p
complied	231	73	Driver has not complied with learner's p
complied	232	73	Driver has not complied with learner's p
compressed	170	0	(N) Compressed Natural Gas
computer	229	95	Computer / fax machines / printers
computer	230	95	Computer / fax machines / printers
computer	231	95	Computer / fax machines / printers
computer	232	95	Computer / fax machines / printers
concrete	25	25	Concrete traffic barrier
concrete	34	1	Concrete
concrete	132	5	Concrete mixer
concrete	144	25	Concrete traffic barrier
concrete	145	25	Concrete traffic barrier
concrete	146	25	Concrete traffic barrier
concrete	147	25	Concrete traffic barrier
concrete	148	25	Concrete traffic barrier
concrete	149	25	Concrete traffic barrier
concrete	152	25	Concrete traffic barrier
condition	35	*	ROADWY SURFACE CONDITION
condition	39	*	LIGHT CONDITION
condition	40	*	ATMOSPHERIC CONDITION #1
condition	41	*	ATMOSPHERIC CONDITION #2
condition	50	2	Shoulder design or condition
condition	51	2	Shoulder design or condition
condition	52	2	Shoulder design or condition
condition	342	44	Driving too fast for conditions or in ex
condition	343	44	Driving too fast for conditions or in ex
condition	344	44	Driving too fast for conditions or in ex
condition	442	44	Driving too fast for conditions or in ex
condition	443	44	Driving too fast for conditions or in ex
condition	444	44	Driving too fast for conditions or in ex
configuration	130	*	VEHICLE CONFIGURATION
connecticut	1	9	Connecticut
connecticut	123	9	Connecticut
connecticut	159	9	Connecticut
connecticut	209	9	Connecticut
construction	25	45	Working motor vehicle (construction, mai
construction	42	1	Construction
construction	50	6	Inadequate construction or poor design o
construction	51	6	Inadequate construction or poor design o
construction	52	6	Inadequate construction or poor design o
construction	106	4	Working motor vehicle (highway construct
construction	110	93	Construction equipment other than trucks
construction	142	39	Highway construction, maintenance or uti

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
construction	143	39	Highway construction, maintenance or uti
construction	144	45	Working motor vehicle (construction, mai
construction	145	45	Working motor vehicle (construction, mai
construction	146	45	Working motor vehicle (construction, mai
construction	147	45	Working motor vehicle (construction, mai
construction	148	45	Working motor vehicle (construction, mai
construction	149	45	Working motor vehicle (construction, mai
construction	152	45	Working construction, maintenance or uti
construction	342	9	Construction/maintenance/utility worker
construction	343	9	Construction/maintenance/utility worker
construction	344	9	Construction/maintenance/utility worker
construction	442	9	Construction/maintenance/utility worker
construction	443	9	Construction/maintenance/utility worker
construction	444	9	Construction/maintenance/utility worker
construction-created	50	3	Other construction-created condition
construction-created	51	3	Other construction-created condition
construction-created	52	3	Other construction-created condition
container	132	11	Intermodal container chassis
continuous	28	11	Two-way continuous left-turn lane
continuous	29	5	Not physically divided (with two-way con
control	36	*	TRAFFIC CONTROL DEVICE
control	37	*	TRAFFIC CONT FUNCTIONING
control	50	1	Inadequate warning of exits, lanes narro
control	51	1	Inadequate warning of exits, lanes narro
control	52	1	Inadequate warning of exits, lanes narro
control	142	13	Driver seating and control
control	143	13	Driver seating and control
control	216	39	Fail to obey traffic control device
control	217	39	Fail to obey traffic control device
control	218	39	Fail to obey traffic control device
control	229	39	Failure to obey actual traffic signs, tr
control	230	39	Failure to obey actual traffic signs, tr
control	231	39	Failure to obey actual traffic signs, tr
control	232	39	Failure to obey actual traffic signs, tr
control	342	39	Failure to obey actual traffic sign, tra
control	343	39	Failure to obey actual traffic sign, tra
control	344	39	Failure to obey actual traffic sign, tra
control	442	39	Failure to obey actual traffic sign, tra
control	443	39	Failure to obey actual traffic sign, tra
control	444	39	Failure to obey actual traffic sign, tra
control-arm	142	4	Suspension - includes springs, shock-abs
control-arm	143	4	Suspension - includes springs, shock-abs
controlled	36	80	Grade crossing controlled, type unknown
controlled	150	9	Controlled maneuver to avoid an animal,
conventional	110	39	Unknown (pickup style) light conventiona
converted	170	6	(C) Gasoline engine that can be easily c
convertible	110	1	Convertible (excludes sunroof, t-bar)
convertible	315	6	Through roof opening (sunroof, converti
convertible	415	6	Through roof opening (sunroof, converti
conveyance	25	15	Nonmotorist on personal conveyance
conveyance	144	15	Nonmotorist on personal conveyance
conveyance	145	15	Nonmotorist on personal conveyance
conveyance	146	15	Nonmotorist on personal conveyance
conveyance	147	15	Nonmotorist on personal conveyance
conveyance	148	15	Nonmotorist on personal conveyance
conveyance	149	15	Nonmotorist on personal conveyance
conveyance	152	15	Nonmotorist on personal conveyance

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
conveyances	342	82	Pedestrian, pedalcyclist or persons on p
conveyances	343	82	Pedestrian, pedalcyclist or persons on p
conveyances	344	82	Pedestrian, pedalcyclist or persons on p
conveyances	410	8	Persons on personal conveyances
conveyances	442	82	Pedestrian, pedalcyclist or persons on p
conveyances	443	82	Pedestrian, pedalcyclist or persons on p
conveyances	444	82	Pedestrian, pedalcyclist or persons on p
conviction	221	*	NUMBER OF PREV DWI CONV
conviction	222	*	NUM PREV SPEEDING CONV
conviction	223	*	NUM PREV OTHER MV CONV
corrosive	154	8	Corrosive
country	110	51	Cross country/intercity bus (ie, Greyhou
county	8	*	COUNTY
county	20	4	County road
coupe	110	2	2-door sedan, hardtop, coupe
crash	9	*	CRASH DATE - MONTH
crash	10	*	CRASH DATE - DAY
crash	11	*	CRASH DATE - YEAR
crash	12	*	CRASH TIME - HOUR
crash	13	*	CRASH TIME - MINUTE
crash	25	20	Impact attenuator/crash cushion
crash	50	*	CRASH RELATED FACTORS #1
crash	51	*	CRASH RELATED FACTORS #2
crash	52	*	CRASH RELATED FACTORS #3
crash	56	*	NUM FATALITIES IN CRASH
crash	60	*	NUMBER UNINJ IN CRASH
crash	61	*	NUMBER C-INJ IN CRASH
crash	62	*	NUMBER B-INJ IN CRASH
crash	63	*	NUMBER A-INJ IN CRASH
crash	64	*	NUMBER K-INJ IN CRASH
crash	65	*	NUM UNK INJ IN CRASH
crash	124	1	Driver (in this crash) was registered ow
crash	144	20	Impact attenuator/crash cushion
crash	145	20	Impact attenuator/crash cushion
crash	146	20	Impact attenuator/crash cushion
crash	147	20	Impact attenuator/crash cushion
crash	148	20	Impact attenuator/crash cushion
crash	149	20	Impact attenuator/crash cushion
crash	151	*	CRASH AVOIDANCE MANEUVER
crash	152	20	Impact attenuator/crash cushion
crash	216	7	Hit-and-run, fail to stop after crash
crash	217	7	Hit-and-run, fail to stop after crash
crash	218	7	Hit-and-run, fail to stop after crash
crash	219	1	1 crash
crash	224	*	LAST CRASH - MONTH
crash	225	*	LAST CRASH - YEAR
crash	226	*	FIRST CRASH - MONTH
crash	227	*	FIRST CRASH - YEAR
crash	332	6	Died prior to crash
crash	432	6	Died prior to crash
crashes	219	*	NUMBER OF PREV CRASHES
crew	36	73	Special warning device - watchman, flagg
crop	233	5	Trees, crops, vegetation
crop	234	5	Trees, crops, vegetation
crop	235	5	Trees, crops, vegetation
crop	342	64	Trees, crops, vegetation
crop	343	64	Trees, crops, vegetation

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
crop	344	64	Trees, crops, vegetation
crop	442	64	Trees, crops, vegetation
crop	443	64	Trees, crops, vegetation
crop	444	64	Trees, crops, vegetation
cross	110	51	Cross country/intercity bus (ie, Greyhou
cross	144	65	Cross median/centerline
cross	145	65	Cross median/centerline
cross	146	65	Cross median/centerline
cross	147	65	Cross median/centerline
cross	148	65	Cross median/centerline
cross	149	65	Cross median/centerline
cross-buck	36	70	Cross-bucks
crossing	27	6	Rail grade crossing
crossing	36	31	School advance or crossing sign
crossing	53	*	RAIL GRADE CROSSING ID
crossing	216	36	Violate RR grade crossing device/regulat
crossing	217	36	Violate RR grade crossing device/regulat
crossing	218	36	Violate RR grade crossing device/regulat
crossing	342	3	Improper crossing of roadway or intersec
crossing	343	3	Improper crossing of roadway or intersec
crossing	344	3	Improper crossing of roadway or intersec
crossing	442	3	Improper crossing of roadway or intersec
crossing	443	3	Improper crossing of roadway or intersec
crossing	444	3	Improper crossing of roadway or intersec
crossover-related	27	7	Crossover-related
crosswalk	417	1	Intersection - in crosswalk
crosswind	229	77	Severe crosswind
crosswind	230	77	Severe crosswind
crosswind	231	77	Severe crosswind
crosswind	232	77	Severe crosswind
crosswind	342	73	Severe crosswind
crosswind	343	73	Severe crosswind
crosswind	344	73	Severe crosswind
crosswind	442	73	Severe crosswind
crosswind	443	73	Severe crosswind
crosswind	444	73	Severe crosswind
crosswinds	40	6	Severe crosswinds
crosswinds	41	6	Severe crosswinds
crutches	342	11	Walking with cane or crutches
crutches	343	11	Walking with cane or crutches
crutches	344	11	Walking with cane or crutches
crutches	442	11	Walking with cane or crutches
crutches	443	11	Walking with cane or crutches
crutches	444	11	Walking with cane or crutches
cuban	348	3	Cuban
cuban	448	3	Cuban
culvert	25	32	Culvert
culvert	144	32	Culvert
culvert	145	32	Culvert
culvert	146	32	Culvert
culvert	147	32	Culvert
culvert	148	32	Culvert
culvert	149	32	Culvert
culvert	152	32	Culvert
curb	25	33	Curb
curb	144	33	Curb
curb	145	33	Curb

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
curb	146	33	Curb
curb	147	33	Curb
curb	148	33	Curb
curb	149	33	Curb
curb	152	33	Curb
curtain	313	3	Deployed: curtain (roof)
curtain	413	3	Deployed: curtain (roof)
curve	32	2	Curve
curve	150	17	Negotiating a curve
curve	229	33	Passing where prohibited by posted signs
curve	230	33	Passing where prohibited by posted signs
curve	231	33	Passing where prohibited by posted signs
curve	232	33	Passing where prohibited by posted signs
curve	233	3	Curve, hill or other roadway design feat
curve	234	3	Curve, hill or other roadway design feat
curve	235	3	Curve, hill or other roadway design feat
curve	342	33	Passing where prohibited by posted signs
curve	343	33	Passing where prohibited by posted signs
curve	344	33	Passing where prohibited by posted signs
curve	442	33	Passing where prohibited by posted signs
curve	443	33	Passing where prohibited by posted signs
curve	444	33	Passing where prohibited by posted signs
cushion	25	20	Impact attenuator/crash cushion
cushion	144	20	Impact attenuator/crash cushion
cushion	145	20	Impact attenuator/crash cushion
cushion	146	20	Impact attenuator/crash cushion
cushion	147	20	Impact attenuator/crash cushion
cushion	148	20	Impact attenuator/crash cushion
cushion	149	20	Impact attenuator/crash cushion
cushion	152	20	Impact attenuator/crash cushion
cycle	110	88	Other motored cycle type (mini-bikes, mo
cycles	216	24	Exceeding special speed limit (e.g.: for
cycles	217	24	Exceeding special speed limit (e.g.: for
cycles	218	24	Exceeding special speed limit (e.g.: for
cyclist	410	7	Other cyclist
daewoo	108	64	Daewoo
daihatsu	108	60	Daihatsu
damage	25	51	Jackknife (causing injury or damage)
damage	135	18	This vehicle set something in motion cau
damage	136	18	This vehicle set something in motion cau
damage	138	*	EXTENT OF DAMAGE
damage	140	2	Towed due to disablingdamage
damage	141	1	Yes (this vehicle sustained fire damage)
damage	152	51	Jackknife (causing injury or damage)
dangerous	154	4	Flammable solid, spontaneously combustib
dark	39	2	Dark, not lighted
darting	342	2	Darting, running, or stumbling into road
darting	343	2	Darting, running, or stumbling into road
darting	344	2	Darting, running, or stumbling into road
darting	442	2	Darting, running, or stumbling into road
darting	443	2	Darting, running, or stumbling into road
darting	444	2	Darting, running, or stumbling into road
date	9	*	CRASH DATE - MONTH
date	10	*	CRASH DATE - DAY
date	11	*	CRASH DATE - YEAR
date	50	18	Date of crash and Date of EMS notificati
date	51	18	Date of crash and Date of EMS notificati

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
date	52	18	Date of crash and Date of EMS notificati
date	59	*	ACCIDENT DATE - JULIAN
date	335	*	OCC DEATH DATE - MONTH
date	336	*	OCC DEATH DATE - DAY
date	337	*	OCC DEATH DATE - YEAR
date	435	*	NMTR DEATH DATE - MONTH
date	436	*	NMTR DEATH DATE - DAY
date	437	*	NMTR DEATH DATE - YEAR
datsum	108	35	Datsun/Nissan
dawn	39	4	Dawn
day	10	*	CRASH DATE - DAY
day	50	18	Date of crash and Date of EMS notificati
day	51	18	Date of crash and Date of EMS notificati
day	52	18	Date of crash and Date of EMS notificati
day	57	*	DAY OF WEEK
day	142	37	Transporting children to/from Head Start
day	143	37	Transporting children to/from Head Start
day	336	*	OCC DEATH DATE - DAY
day	436	*	NMTR DEATH DATE - DAY
daylight	39	1	Daylight
dead	229	12	Mother of dead fetus
dead	230	12	Mother of dead fetus
dead	231	12	Mother of dead fetus
dead	232	12	Mother of dead fetus
dead	342	18	Mother of dead fetus
dead	343	18	Mother of dead fetus
dead	344	18	Mother of dead fetus
dead	442	18	Mother of dead fetus
dead	443	18	Mother of dead fetus
dead	444	18	Mother of dead fetus
death	164	*	NUMBER OF DEATHS IN VEH
death	216	9	Serious violation resulting in death
death	217	9	Serious violation resulting in death
death	218	9	Serious violation resulting in death
death	335	*	OCC DEATH DATE - MONTH
death	336	*	OCC DEATH DATE - DAY
death	337	*	OCC DEATH DATE - YEAR
death	338	*	OCC DEATH TIME - HOURS
death	339	*	OCC DEATH TIME - MINUTES
death	340	*	LAG TIME ACC/DEATH - HRS
death	341	*	LAG TIME ACC/DEATH - MIN
death	345	*	OCC DEATH CERTIFICATE
death	435	*	NMTR DEATH DATE - MONTH
death	436	*	NMTR DEATH DATE - DAY
death	437	*	NMTR DEATH DATE - YEAR
death	438	*	NMTR DEATH TIME - HOURS
death	439	*	NMTR DEATH TIME - MINUTE
death	440	*	LAG TIME ACC/DEATH - HRS
death	441	*	LAG TIME ACC/DEATH - MIN
death	445	*	NMTR DEATH CERTIFICATE
debris	229	81	Debris or objects in road
debris	230	81	Debris or objects in road
debris	231	81	Debris or objects in road
debris	232	81	Debris or objects in road
debris	342	77	Debris or objects in road
debris	343	77	Debris or objects in road
debris	344	77	Debris or objects in road

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
debris	442	77	Debris or objects in road
debris	443	77	Debris or objects in road
debris	444	77	Debris or objects in road
december	9	12	December
december	59	40118	December 31, 2009
december	224	12	December
december	226	12	December
december	335	12	December
december	435	12	December
defect	142	18	Other vehicle defects
defect	143	18	Other vehicle defects
defog	233	9	Inadequate defrost or defog system
defog	234	9	Inadequate defrost or defog system
defog	235	9	Inadequate defrost or defog system
defrost	233	9	Inadequate defrost or defog system
defrost	234	9	Inadequate defrost or defog system
defrost	235	9	Inadequate defrost or defog system
degree	314	3	Ejected - unknown degree
degree	414	3	Ejected - unknown degree
delaware	1	10	Delaware
delaware	123	10	Delaware
delaware	159	10	Delaware
delaware	209	10	Delaware
denied	211	4	Canceled or denied
denied	212	4	Canceled or denied
deployed	313	*	AIR BAG DEPLOYED
deployed	413	1	Deployed: front
deployment	313	99	Deployment unknown
deployment	413	99	Deployment unknown
depression	229	3	Emotional (e.g., depression, angry, dist
depression	230	3	Emotional (e.g., depression, angry, dist
depression	231	3	Emotional (e.g., depression, angry, dist
depression	232	3	Emotional (e.g., depression, angry, dist
depression	342	7	Emotional (e.g., depression, angry, dist
depression	343	7	Emotional (e.g., depression, angry, dist
depression	344	7	Emotional (e.g., depression, angry, dist
depression	442	7	Emotional (e.g., depression, angry, dist
depression	443	7	Emotional (e.g., depression, angry, dist
depression	444	7	Emotional (e.g., depression, angry, dist
derivative	110	13	3-wheel automobile or automobile derivat
design	50	2	Shoulder design or condition
design	51	2	Shoulder design or condition
design	52	2	Shoulder design or condition
design	233	3	Curve, hill or other roadway design feat
design	234	3	Curve, hill or other roadway design feat
design	235	3	Curve, hill or other roadway design feat
design	342	62	Curve, hill, or other design features (i
design	343	62	Curve, hill, or other design features (i
design	344	62	Curve, hill, or other design features (i
design	442	62	Curve, hill, or other design features (i
design	443	62	Curve, hill, or other design features (i
design	444	62	Curve, hill, or other design features (i
designated	50	21	Within designated school zone
designated	51	21	Within designated school zone
designated	52	21	Within designated school zone
designated	216	62	Improper use of lane (enter of 3-lane ro
designated	217	62	Improper use of lane (enter of 3-lane ro

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
designated	218	62	Improper use of lane (enter of 3-lane ro
detail	233	97	Vision obscured - no details
detail	234	97	Vision obscured - no details
detail	235	97	Vision obscured - no details
detectable	216	11	Driving while intoxicated (alcohol or dr
detectable	217	11	Driving while intoxicated (alcohol or dr
detectable	218	11	Driving while intoxicated (alcohol or dr
determin	319	*	OCC METHOD ALC DETERMIN
determination	324	*	DRUG DETERMINATION
determination	419	*	NMTR METH ALC DETERMINAT
determination	424	*	DRUG DETERMINATION
device	36	*	TRAFFIC CONTROL DEVICE
device	37	1	Device not functioning
device	216	36	Violate RR grade crossing device/regulat
device	217	36	Violate RR grade crossing device/regulat
device	218	36	Violate RR grade crossing device/regulat
device	229	39	Failure to obey actual traffic signs, tr
device	230	39	Failure to obey actual traffic signs, tr
device	231	39	Failure to obey actual traffic signs, tr
device	232	39	Failure to obey actual traffic signs, tr
device	342	39	Failure to obey actual traffic sign, tra
device	343	39	Failure to obey actual traffic sign, tra
device	344	39	Failure to obey actual traffic sign, tra
device	410	4	Occupant of a nonmotor vehicle transport
device	442	39	Failure to obey actual traffic sign, tra
device	443	39	Failure to obey actual traffic sign, tra
device	444	39	Failure to obey actual traffic sign, tra
diamond-reo	108	81	Diamond-Reo
died	332	6	Died prior to crash
died	334	*	DIED AT SCENE / EN ROUTE
died	432	6	Died prior to crash
died	434	*	DIED AT SCENE / EN ROUTE
diesel	170	3	(D) Diesel
dim	229	23	Failing to dim lights or to have lights
dim	230	23	Failing to dim lights or to have lights
dim	231	23	Failing to dim lights or to have lights
dim	232	23	Failing to dim lights or to have lights
dim	342	23	Failure to dim lights or have lights on
dim	343	23	Failure to dim lights or have lights on
dim	344	23	Failure to dim lights or have lights on
dim	442	23	Failing to dim lights or have lights on
dim	443	23	Failing to dim lights or have lights on
dim	444	23	Failing to dim lights or have lights on
directing	216	6	Fail to obey police, fireman, authorized
directing	217	6	Fail to obey police, fireman, authorized
directing	218	6	Fail to obey police, fireman, authorized
direction	26	3	Angle - front-to-side, same direction
dirt	34	5	Dirt
dirt	35	5	Sand, dirt, mud, gravel
dirt	40	7	Blowing sand, soil, dirt
dirt	41	7	Blowing sand, soil, dirt
dirt	229	87	Ice, snow, slush, water, sand, dirt, oil
dirt	230	87	Ice, snow, slush, water, sand, dirt, oil
dirt	231	87	Ice, snow, slush, water, sand, dirt, oil
dirt	232	87	Ice, snow, slush, water, sand, dirt, oil
dirt	342	83	Ice, snow, slush, water, sand, dirt, oil
dirt	343	83	Ice, snow, slush, water, sand, dirt, oil

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
dirt	344	83	Ice, snow, slush, water, sand, dirt, oil
dirt	442	83	Ice, snow, slush, water, sand, dirt, oil
dirt	443	83	Ice, snow, slush, water, sand, dirt, oil
dirt	444	83	Ice, snow, slush, water, sand, dirt, oil
disabled	50	23	Indication of a stalled/disabled vehicle
disabled	51	23	Indication of a stalled/disabled vehicle
disabled	52	23	Indication of a stalled/disabled vehicle
disabling	138	6	Disabling damage
disabling	140	2	Towed due to disablingdamage
disobey	216	41	Turn in violation of traffic control (di
disobey	217	41	Turn in violation of traffic control (di
disobey	218	41	Turn in violation of traffic control (di
displacement	173	*	VIN MOTORCYCLE DSPLACMNT
display	229	98	Head-up display
display	230	98	Head-up display
display	231	98	Head-up display
display	232	98	Head-up display
displayed	157	2	Placard displayed
disqualified	212	5	Disqualified
distance	229	35	Passing with insufficient distance or in
distance	230	35	Passing with insufficient distance or in
distance	231	35	Passing with insufficient distance or in
distance	232	35	Passing with insufficient distance or in
distance	342	35	Passing with insufficient distance or in
distance	343	35	Passing with insufficient distance or in
distance	344	35	Passing with insufficient distance or in
distance	442	35	Passing with insufficient distance or in
distance	443	35	Passing with insufficient distance or in
distance	444	35	Passing with insufficient distance or in
district of columbia	1	11	District of Columbia
district of columbia	123	11	District of Columbia
district of columbia	159	11	District of Columbia
district of columbia	209	11	District of Columbia
disturbed	229	3	Emotional (e.g., depression, angry, dist
disturbed	230	3	Emotional (e.g., depression, angry, dist
disturbed	231	3	Emotional (e.g., depression, angry, dist
disturbed	232	3	Emotional (e.g., depression, angry, dist
disturbed	342	7	Emotional (e.g., depression, angry, dist
disturbed	343	7	Emotional (e.g., depression, angry, dist
disturbed	344	7	Emotional (e.g., depression, angry, dist
disturbed	442	7	Emotional (e.g., depression, angry, dist
disturbed	443	7	Emotional (e.g., depression, angry, dist
disturbed	444	7	Emotional (e.g., depression, angry, dist
ditch	25	34	Ditch
ditch	144	34	Ditch
ditch	145	34	Ditch
ditch	146	34	Ditch
ditch	147	34	Ditch
ditch	148	34	Ditch
ditch	149	34	Ditch
ditch	152	34	Ditch
ditch	229	29	Illegal driving on road shoulder, in dit
ditch	230	29	Illegal driving on road shoulder, in dit
ditch	231	29	Illegal driving on road shoulder, in dit
ditch	232	29	Illegal driving on road shoulder, in dit
ditch	342	29	Illegal driving on road, shoulder, in di
ditch	343	29	Illegal driving on road, shoulder, in di

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
ditch	344	29	Illegal driving on road, shoulder, in di
ditch	442	29	Illegal driving on road, shoulder, in di
ditch	443	29	Illegal driving on road, shoulder, in di
ditch	444	29	Illegal driving on road, shoulder, in di
divided	29	1	Not physically divided (two-way trafficw
dodge	108	7	Dodge
domestic	108	29	Other domestic
door	110	7	Hatchback, number of doors unknown
door	142	14	Body, doors, hood, other
door	143	14	Body, doors, hood, other
door	216	98	Other moving violation (coasting, backin
door	217	98	Other moving violation (coasting, backin
door	218	98	Other moving violation (coasting, backin
door	313	2	Deployed: side (door, seatback)
door	315	1	Through side door opening
door	413	2	Deployed: side (door, seatback)
door	415	1	Through side door opening
doubles	130	7	Tractor/Doubles (two trailers)
downhill	144	66	Downhill runaway
downhill	145	66	Downhill runaway
downhill	146	66	Downhill runaway
downhill	147	66	Downhill runaway
downhill	148	66	Downhill runaway
downhill	149	66	Downhill runaway
drinking	58	*	NUMBER DRINKING DRIVERS
drinking	208	*	DRIVER DRINKING
drinking	216	14	Drinking while operating
drinking	217	14	Drinking while operating
drinking	218	14	Drinking while operating
drive	216	54	Pass on right (drive off pavement to pas
drive	217	54	Pass on right (drive off pavement to pas
drive	218	54	Pass on right (drive off pavement to pas
driven	140	1	Driven away
driver	50	13	Aggressive driving / Road rage by non-co
driver	51	13	Aggressive driving/Road rage by non-cont
driver	52	13	Aggressive driving/Road rage by non-cont
driver	58	*	NUMBER DRINKING DRIVERS
driver	124	1	Driver (in this crash) was registered ow
driver	130	20	Bus (seats for 9-15 people, including dr
driver	132	22	Bus (seats 9 or more persons, including
driver	142	13	Driver seating and control
driver	143	13	Driver seating and control
driver	151	2	Braking (no skid marks; driver stated)
driver	204	0	Not a valid driver record (i.e., dummy r
driver	205	3	Driver record
driver	207	*	DRIVER PRESENCE
driver	208	*	DRIVER DRINKING
driver	210	1	Full driver license
driver	216	72	Other driver license violations
driver	217	72	Other driver license violations
driver	218	72	Other driver license violations
driver	229	*	DRIVER RELATED FACTORS#1
driver	230	*	DRIVER RELATED FACTORS#2
driver	231	*	DRIVER RELATED FACTORS#3
driver	232	*	DRIVER RELATED FACTORS#4
driver	233	*	DRIVER VISION OBSCURED1
driver	234	*	DRIVER VISION OBSCURED2

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
driver	235	*	DRIVER VISION OBSCURED3
driver	236	*	DRIVER WEIGHT
driver	237	*	DRIVER HEIGHT - INCHES
driver	310	1	Driver of a motor vehicle in-transport
driver	342	0	Not applicable (driver) or none (all oth
driver	343	0	Not applicable (driver) or none (all oth
driver	344	0	Not applicable (driver) or none (all oth
driver	442	0	Not applicable (driver) or none (all oth
driver	443	0	Not applicable (driver) or none (all oth
driver	444	0	Not applicable (driver) or none (all oth
driverless	124	6	Driverless / motor vehicle parked / stop
drive-shaft	142	5	Power train - includes universal-joint,
drive-shaft	143	5	Power train / engine - includes universa
driveway	27	4	Driveway, alley access, etc.
driving	50	13	Aggressive driving / Road rage by non-co
driving	51	13	Aggressive driving/Road rage by non-cont
driving	52	13	Aggressive driving/Road rage by non-cont
driving	216	2	Willful reckless driving; driving to end
driving	217	2	Willful reckless driving; driving to end
driving	218	2	Willful reckless driving; driving to end
driving	219	98	Crashes not reported on driving record
driving	229	8	Aggressive driving / road rage
driving	230	8	Aggressive driving/road rage
driving	231	8	Aggressive driving/road rage
driving	232	8	Aggressive driving/road rage
driving	342	29	Illegal driving on road, shoulder, in di
driving	343	29	Illegal driving on road, shoulder, in di
driving	344	29	Illegal driving on road, shoulder, in di
driving	442	29	Illegal driving on road, shoulder, in di
driving	443	29	Illegal driving on road, shoulder, in di
driving	444	29	Illegal driving on road, shoulder, in di
drowsy	229	1	Drowsy, sleepy, asleep, fatigued
drowsy	230	1	Drowsy, sleepy, asleep, fatigued
drowsy	231	1	Drowsy, sleepy, asleep, fatigued
drowsy	232	1	Drowsy, sleepy, asleep, fatigued
drt	324	2	Drug Recognition Technician (DRT) determ
drt	424	2	Drug Recognition Technician (DRT) determ
drug	216	11	Driving while intoxicated (alcohol or dr
drug	217	11	Driving while intoxicated (alcohol or dr
drug	218	11	Driving while intoxicated (alcohol or dr
drug	229	4	Reaction to or failure to take drugs / m
drug	230	4	Reaction to or failure to take drugs / m
drug	231	4	Reaction to or failure to take drugs / m
drug	232	4	Reaction to or failure to take drugs / m
drug	323	*	DRUG INVOLVEMENT
drug	324	*	DRUG DETERMINATION
drug	325	*	DRUG TEST STATUS
drug	326	*	DRUG TEST TYPE #1
drug	327	*	DRUG TEST RESULTS #1
drug	328	*	DRUG TEST TYPE #2
drug	329	*	DRUG TEST RESULTS #2
drug	330	*	DRUG TEST TYPE #3
drug	331	*	DRUG TEST RESULTS #3
drug	342	15	Under the influence of alcohol, drugs or
drug	343	15	Under the influence of alcohol, drugs or
drug	344	15	Under the influence of alcohol, drugs or
drug	423	*	DRUG INVOLVEMENT

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
drug	424	*	DRUG DETERMINATION
drug	425	*	DRUG TEST STATUS
drug	426	*	DRUG TEST TYPE #1
drug	427	*	DRUG TEST RESULTS #1
drug	428	*	DRUG TEST TYPE #2
drug	429	*	DRUG TEST RESULTS #2
drug	430	*	DRUG TEST TYPE #3
drug	431	*	DRUG TEST RESULTS #3
drug	442	15	Under the Influence of Alcohol, Drugs or
drug	443	15	Under the Influence of Alcohol, Drugs or
drug	444	15	Under the Influence of Alcohol, Drugs or
dry	35	1	Dry
ducati	108	71	Ducati
dump	110	40	Cab chassis based (includes light stake,
dump	132	4	Dump
dune	110	97	Other vehicle type (includes go-cart, fo
dusk	39	5	Dusk
dust	233	1	Rain, snow, fog, smoke, sand, dust
dust	234	1	Rain, snow, fog, smoke, sand, dust
dust	235	1	Rain, snow, fog, smoke, sand, dust
dust	342	60	Rain, snow, fog, smoke, sand, dust
dust	343	60	Rain, snow, fog, smoke, sand, dust
dust	344	60	Rain, snow, fog, smoke, sand, dust
dust	442	60	Rain, snow, fog, smoke, sand, dust
dust	443	60	Rain, snow, fog, smoke, sand, dust
dust	444	60	Rain, snow, fog, smoke, sand, dust
duty	110	67	Medium / heavy pickup (Ford Super Duty 4
dwi	221	*	NUMBER OF PREV DWI CONV
dying	334	0	Not applicable (non-fatalities and victi
dying	434	0	Not applicable (non-fatalities and victi
eagle	108	10	Eagle
earth	25	35	Embankment - earth
earth	144	35	Embankment - earth
earth	145	35	Embankment - earth
earth	146	35	Embankment - earth
earth	147	35	Embankment - earth
earth	148	35	Embankment - earth
earth	149	35	Embankment - earth
earth	152	35	Embankment - earth
easily	170	6	(C) Gasoline engine that can be easily c
eating	342	10	Inattentive (talking, eating, reading, e
eating	343	10	Inattentive (talking, eating, reading, e
eating	344	10	Inattentive (talking, eating, reading, e
eating	442	10	Inattentive (talking, eating, reading, e
eating	443	10	Inattentive (talking, eating, reading, e
eating	444	10	Inattentive (talking, eating, reading, e
ejected	314	0	Not ejected
ejected	315	0	Not ejected / not applicable
ejected	414	0	Not ejected
ejected	415	0	Not ejected / not applicable
ejection	314	*	OCCUPANT EJECTION
ejection	315	*	EJECTION PATH
ejection	414	*	NONMOTORIST EJECTION
ejection	415	*	NMT EJECTION PATH
electric	142	36	Electric / alternative fuel vehicle
electric	143	36	Electric / alternative fuel vehicle
electric	170	1	(E) Electric operated

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
electronic	36	41	Electronic warning sign
electronic	342	91	Portable electronic devices (cell phone,
electronic	343	91	Portable electronic devices (cell phone,
electronic	344	91	Portable electronic devices (cell phone,
electronic	442	91	Portable Electronic Devices
electronic	443	91	Portable Electronic Devices
electronic	444	91	Portable Electronic Devices
eluding	216	5	Fleeing or eluding police
eluding	217	5	Fleeing or eluding police
eluding	218	5	Fleeing or eluding police
embankment	25	35	Embankment - earth
embankment	144	35	Embankment - earth
embankment	145	35	Embankment - earth
embankment	146	35	Embankment - earth
embankment	147	35	Embankment - earth
embankment	148	35	Embankment - earth
embankment	149	35	Embankment - earth
embankment	152	35	Embankment - earth
embankment	342	62	Curve, hill, or other design features (i
embankment	343	62	Curve, hill, or other design features (i
embankment	344	62	Curve, hill, or other design features (i
embankment	442	62	Curve, hill, or other design features (i
embankment	443	62	Curve, hill, or other design features (i
embankment	444	62	Curve, hill, or other design features (i
emergency	133	8	Emergency services vehicle
emergency	134	*	EMERGENCY USE
emergency	142	41	Police, fire, or EMS vehicle working at
emergency	143	41	Police, fire, or EMS vehicle working at
emergency	216	45	Fail to yield to emergency vehicle
emergency	217	45	Fail to yield to emergency vehicle
emergency	218	45	Fail to yield to emergency vehicle
emergency	342	86	Emergency services personnel
emergency	343	86	Emergency services personnel
emergency	344	86	Emergency services personnel
emergency	442	86	Emergency services personnel
emergency	443	86	Emergency services personnel
emergency	444	86	Emergency services personnel
emotional	229	3	Emotional (e.g., depression, angry, dist
emotional	230	3	Emotional (e.g., depression, angry, dist
emotional	231	3	Emotional (e.g., depression, angry, dist
emotional	232	3	Emotional (e.g., depression, angry, dist
emotional	342	7	Emotional (e.g., depression, angry, dist
emotional	343	7	Emotional (e.g., depression, angry, dist
emotional	344	7	Emotional (e.g., depression, angry, dist
emotional	442	7	Emotional (e.g., depression, angry, dist
emotional	443	7	Emotional (e.g., depression, angry, dist
emotional	444	7	Emotional (e.g., depression, angry, dist
ems	43	*	EMS NOTIFIED - HOUR
ems	44	*	EMS NOTIFIED - MINUTE
ems	45	*	EMS ARRIVAL - HOUR
ems	46	*	EMS ARRIVAL - MINUTE
ems	47	*	EMS HOSPITAL - HOUR
ems	48	*	EMS HOSPITAL - MINUTE
ems	50	18	Date of crash and Date of EMS notificati
ems	51	18	Date of crash and Date of EMS notificati
ems	52	18	Date of crash and Date of EMS notificati
ems	142	41	Police, fire, or EMS vehicle working at

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
ems	143	41	Police, fire, or EMS vehicle working at
ems	333	1	Yes, EMS
ems	433	1	Yes, EMS
enclosed	132	1	Van/enclosed box
enclosed	311	51	Other passenger in enclosed passenger or
enclosed	411	51	Other passenger in enclosed passenger or
endanger	216	2	Willful reckless driving; driving to end
endanger	217	2	Willful reckless driving; driving to end
endanger	218	2	Willful reckless driving; driving to end
endorsement	213	1	Endorsement(s) required, complied with
endorsement	214	8	Unknown if CDL and/or CDL endorsement re
endorsements	213	*	LICENSE ENDORSEMENTS
end-swipes	26	11	Other (end-swipes and others)
energy	216	25	Energy speed (exceeding 55 MPH, non-poin
energy	217	25	Energy speed (exceeding 55 MPH, non-poin
energy	218	25	Energy speed (exceeding 55 MPH, non-poin
enforcement	229	16	Police or law enforcement officer
enforcement	230	16	Police or law enforcement officer
enforcement	231	16	Police or law enforcement officer
enforcement	232	16	Police or law enforcement officer
enforcement	333	2	Yes, Law Enforcement
enforcement	342	87	Police or law enforcement officer
enforcement	343	87	Police or law enforcement officer
enforcement	344	87	Police or law enforcement officer
enforcement	433	2	Yes, Law Enforcement
enforcement	442	87	Police or law enforcement officer
enforcement	443	87	Police or law enforcement officer
enforcement	444	87	Police or law enforcement officer
engine	143	5	Power train / engine - includes universa
engine	170	6	(C) Gasoline engine that can be easily c
engine	229	20	Leaving vehicle unattended with engine r
engine	230	20	Leaving vehicle unattended with engine r
engine	231	20	Leaving vehicle unattended with engine r
engine	232	20	Leaving vehicle unattended with engine r
enter	216	48	Enter intersection when space insufficie
enter	217	48	Enter intersection when space insufficie
enter	218	48	Enter intersection when space insufficie
entering	150	8	Entering a parked position
entrance	27	5	Entrance/exit ramp related
entrance	29	6	Entrance / exit ramp
entry	229	30	Making improper entry to or exit from tr
entry	230	30	Making improper entry to or exit from tr
entry	231	30	Making improper entry to or exit from tr
entry	232	30	Making improper entry to or exit from tr
entry	342	30	Making improper entry to or exit from tr
entry	343	30	Making improper entry to or exit from tr
entry	344	30	Making improper entry to or exit from tr
entry	442	30	Making improper entry to or exit from tr
entry	443	30	Making improper entry to or exit from tr
entry	444	30	Making improper entry to or exit from tr
equipment	25	6	Injured in vehicle (other than cargo/equ
equipment	110	92	Farm equipment other than trucks
equipment	142	44	Adaptive equipment
equipment	143	44	Adaptive equipment
equipment	144	6	Injured in vehicle (other than cargo/equ
equipment	145	6	Injured in vehicle (other than cargo/equ
equipment	146	6	Injured in vehicle (other than cargo/equ

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
equipment	147	6	Injured in vehicle (other than cargo/equ
equipment	148	6	Injured in vehicle (other than cargo/equ
equipment	149	6	Injured in vehicle (other than cargo/equ
equipment	152	6	Injured in vehicle (other than cargo/equ
equipment	216	84	Motorcycle equipment violations (helmet,
equipment	217	84	Motorcycle equipment violations (helmet,
equipment	218	84	Motorcycle equipment violations (helmet,
equipment	229	24	Operating without required equipment
equipment	230	24	Operating without required equipment
equipment	231	24	Operating without required equipment
equipment	232	24	Operating without required equipment
equipment	342	24	Operating without required equipment
equipment	343	24	Operating without required equipment
equipment	344	24	Operating without required equipment
equipment	442	24	Operating without required equipment
equipment	443	24	Operating without required equipment
equipment	444	24	Operating without required equipment
erratic	229	27	Improper or erratic lane changing
erratic	230	27	Improper or erratic lane changing
erratic	231	27	Improper or erratic lane changing
erratic	232	27	Improper or erratic lane changing
erratic	342	27	Improper or erratic lane changing
erratic	343	27	Improper or erratic lane changing
erratic	344	27	Improper or erratic lane changing
erratic	442	27	Improper or erratic lane changing
erratic	443	27	Improper or erratic lane changing
erratic	444	27	Improper or erratic lane changing
escalade	110	16	Utility station wagon (includes suburban
eskimos	347	3	American Indian (includes Aleuts and Esk
eskimos	447	3	American Indian (includes Aleuts and Esk
european spanish	348	5	European Spanish
european spanish	448	5	European Spanish
event	25	*	FIRST HARMFUL EVENT
event	127	2	Yes, first event
event	144	*	EVENT #1
event	145	*	EVENT #2
event	146	*	EVENT #3
event	147	*	EVENT #4
event	148	*	EVENT #5
event	149	*	EVENT #6
event	152	*	MOST HARMFUL EVENT
evidence	151	3	Braking (other reported evidence)
evident	151	1	Braking (skid marks evident)
evident	332	2	B - nonincapacitating evident injury
evident	432	2	B - nonincapacitating evident injury
evidential	319	1	Evidential test (breath, blood, urine)
evidential	324	1	Evidential test (Blood, Urine)
evidential	419	1	Evidential test (breath, blood, urine)
evidential	424	1	Evidential test (Blood, Urine)
exceeding	216	24	Exceeding special speed limit (e.g.: for
exceeding	217	24	Exceeding special speed limit (e.g.: for
exceeding	218	24	Exceeding special speed limit (e.g.: for
except	347	19	Other Indian (includes South and Central
excess	342	44	Driving too fast for conditions or in ex
excess	343	44	Driving too fast for conditions or in ex
excess	344	44	Driving too fast for conditions or in ex
excess	442	44	Driving too fast for conditions or in ex

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
excess	443	44	Driving too fast for conditions or in ex
excess	444	44	Driving too fast for conditions or in ex
excluding	110	6	Station wagon (excluding van and truck b
exhaust	142	6	Exhaust system
exhaust	143	6	Exhaust system
exit	27	5	Entrance/exit ramp related
exit	29	6	Entrance / exit ramp
exit	50	1	Inadequate warning of exits, lanes narro
exit	51	1	Inadequate warning of exits, lanes narro
exit	52	1	Inadequate warning of exits, lanes narro
exit	229	30	Making improper entry to or exit from tr
exit	230	30	Making improper entry to or exit from tr
exit	231	30	Making improper entry to or exit from tr
exit	232	30	Making improper entry to or exit from tr
exit	342	30	Making improper entry to or exit from tr
exit	343	30	Making improper entry to or exit from tr
exit	344	30	Making improper entry to or exit from tr
exit	442	30	Making improper entry to or exit from tr
exit	443	30	Making improper entry to or exit from tr
exit	444	30	Making improper entry to or exit from tr
expect	447	19	Other Indian (includes South and Central
expired	211	3	Expired
expired	212	3	Expired
explosion	25	2	Fire/explosion
explosion	144	2	Fire/explosion
explosion	145	2	Fire/explosion
explosion	146	2	Fire/explosion
explosion	147	2	Fire/explosion
explosion	148	2	Fire/explosion
explosion	149	2	Fire/explosion
explosion	152	2	Fire/explosion
explosive	154	1	Explosives
expressways	19	12	Principal arterial - other freeways or e
extent	138	*	EXTENT OF DAMAGE
exterior	311	55	Riding on vehicle exterior of vehicle
exterior	411	55	Riding on vehicle exterior of vehicle
external	233	12	External mirrors
external	234	12	External mirrors
external	235	12	External mirrors
extricated	316	0	Not extricated or not applicable
extricated	416	0	Not extricated or not applicable
extrication	316	*	OCCUPANT EXTRICATION
extrication	416	*	NONMOTORIST EXTRICATION
face	25	24	Guardrail face
face	144	24	Guardrail face
face	145	24	Guardrail face
face	146	24	Guardrail face
face	147	24	Guardrail face
face	148	24	Guardrail face
face	149	24	Guardrail face
face	152	24	Guardrail face
facing	312	10	Child safety seat - forward facing
facing	412	10	Child safety seat - forward facing
factor	50	*	CRASH RELATED FACTORS #1
factor	51	*	CRASH RELATED FACTORS #2
factor	52	*	CRASH RELATED FACTORS #3
factor	142	*	VEH RELATED FACTORS #1

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
factor	143	*	VEH RELATED FACTORS #2
factor	229	*	DRIVER RELATED FACTORS#1
factor	230	*	DRIVER RELATED FACTORS#2
factor	231	*	DRIVER RELATED FACTORS#3
factor	232	*	DRIVER RELATED FACTORS#4
factor	342	*	OCC RELATED FACTORS #1
factor	343	*	OCC RELATED FACTORS #2
factor	344	*	OCC RELATED FACTORS #3
factor	442	*	NMTR RELATED FACTORS #1
factor	443	*	NMTR RELATED FACTORS #2
factor	444	*	NMTR RELATED FACTORS #3
fail	216	6	Fail to obey police, fireman, authorized
fail	217	6	Fail to obey police, fireman, authorized
fail	218	6	Fail to obey police, fireman, authorized
failing	229	23	Failing to dim lights or to have lights
failing	230	23	Failing to dim lights or to have lights
failing	231	23	Failing to dim lights or to have lights
failing	232	23	Failing to dim lights or to have lights
failing	342	35	Passing with insufficient distance or in
failing	343	35	Passing with insufficient distance or in
failing	344	35	Passing with insufficient distance or in
failing	442	23	Failing to dim lights or have lights on
failing	443	23	Failing to dim lights or have lights on
failing	444	23	Failing to dim lights or have lights on
failure	144	61	Equipment failure (blown tire, brake fai
failure	145	61	Equipment failure (blown tire, brake fai
failure	146	61	Equipment failure (blown tire, brake fai
failure	147	61	Equipment failure (blown tire, brake fai
failure	148	61	Equipment failure (blown tire, brake fai
failure	149	61	Equipment failure (blown tire, brake fai
failure	216	83	Failure to require restraint use (by sel
failure	217	83	Failure to require restraint use (by sel
failure	218	83	Failure to require restraint use (by sel
failure	229	4	Reaction to or failure to take drugs / m
failure	230	4	Reaction to or failure to take drugs / m
failure	231	4	Reaction to or failure to take drugs / m
failure	232	4	Reaction to or failure to take drugs / m
failure	342	23	Failure to dim lights or have lights on
failure	343	23	Failure to dim lights or have lights on
failure	344	23	Failure to dim lights or have lights on
failure	442	28	Failure to keep in proper lane
failure	443	28	Failure to keep in proper lane
failure	444	28	Failure to keep in proper lane
falling	25	16	Thrown or falling object
falling	50	14	Motor vehicle struck by falling cargo, o
falling	51	14	Motor vehicle struck by falling cargo, o
falling	52	14	Motor vehicle struck by falling cargo, o
falling	144	16	Thrown or falling object (other than car
falling	145	16	Thrown or falling object (other than car
falling	146	16	Thrown or falling object (other than car
falling	147	16	Thrown or falling object (other than car
falling	148	16	Thrown or falling object (other than car
falling	149	16	Thrown or falling object (other than car
falling	152	16	Thrown or falling object (other than car
farm	110	92	Farm equipment other than trucks
fast	342	44	Driving too fast for conditions or in ex
fast	343	44	Driving too fast for conditions or in ex

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
fast	344	44	Driving too fast for conditions or in ex
fast	442	44	Driving too fast for conditions or in ex
fast	443	44	Driving too fast for conditions or in ex
fast	444	44	Driving too fast for conditions or in ex
fatal	332	4	K - fatal injury
fatal	334	9	Fatal, unknown location
fatal	346	*	OCC FATAL INJURY AT WORK
fatal	432	4	K - fatal injury
fatal	434	9	Fatal, unknown location
fatal	446	*	NMTR FATAL INJ AT WORK
fatalities	56	*	NUM FATALITIES IN CRASH
fatality	346	8	Not applicable (not a fatality)
fatality	347	0	Not a fatality (not applicable)
fatality	446	8	Not applicable (not a fatality)
fatality	447	0	Not a fatality (not applicable)
fatigued	229	1	Drowsy, sleepy, asleep, fatigued
fatigued	230	1	Drowsy, sleepy, asleep, fatigued
fatigued	231	1	Drowsy, sleepy, asleep, fatigued
fatigued	232	1	Drowsy, sleepy, asleep, fatigued
fax	229	95	Computer / fax machines / printers
fax	230	95	Computer / fax machines / printers
fax	231	95	Computer / fax machines / printers
fax	232	95	Computer / fax machines / printers
february	9	2	February
february	224	2	February
february	226	2	February
february	335	2	February
february	435	2	February
federal	24	5	Other Federal properties
fell	25	5	Fell/jumped from vehicle
fell	144	5	Fell/jumped from vehicle
fell	145	5	Fell/jumped from vehicle
fell	146	5	Fell/jumped from vehicle
fell	147	5	Fell/jumped from vehicle
fell	148	5	Fell/jumped from vehicle
fell	149	5	Fell/jumped from vehicle
fell	152	5	Fell/jumped from vehicle
female	309	2	Female
female	409	2	Female
fence	25	38	Fence
fence	144	38	Fence
fence	145	38	Fence
fence	146	38	Fence
fence	147	38	Fence
fence	148	38	Fence
fence	149	38	Fence
fence	152	38	Fence
fetus	229	12	Mother of dead fetus
fetus	230	12	Mother of dead fetus
fetus	231	12	Mother of dead fetus
fetus	232	12	Mother of dead fetus
fetus	342	18	Mother of dead fetus
fetus	343	18	Mother of dead fetus
fetus	344	18	Mother of dead fetus
fetus	442	18	Mother of dead fetus
fetus	443	18	Mother of dead fetus
fetus	444	18	Mother of dead fetus

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
fiat	108	36	Fiat
filipino	347	7	Filipino
filipino	447	7	Filipino
fire	25	2	Fire/explosion
fire	133	7	Fire truck
fire	141	*	FIRE OCCURRENCE
fire	142	41	Police, fire, or EMS vehicle working at
fire	143	41	Police, fire, or EMS vehicle working at
fire	144	2	Fire/explosion
fire	145	2	Fire/explosion
fire	146	2	Fire/explosion
fire	147	2	Fire/explosion
fire	148	2	Fire/explosion
fire	149	2	Fire/explosion
fire	152	2	Fire/explosion
fireman	216	6	Fail to obey police, fireman, authorized
fireman	217	6	Fail to obey police, fireman, authorized
fireman	218	6	Fail to obey police, fireman, authorized
first	25	*	FIRST HARMFUL EVENT
first	127	2	Yes, first event
first	226	*	FIRST CRASH - MONTH
first	227	*	FIRST CRASH - YEAR
fishtailing	229	88	Trailer fishtailing or swaying
fishtailing	230	88	Trailer fishtailing or swaying
fishtailing	231	88	Trailer fishtailing or swaying
fishtailing	232	88	Trailer fishtailing or swaying
fixed	25	18	Other object (not fixed)
fixed	129	5	Vehicle towing another motor vehicle - f
fixed	144	18	Other object (not fixed)
fixed	145	18	Other object (not fixed)
fixed	146	18	Other object (not fixed)
fixed	147	18	Other object (not fixed)
fixed	148	18	Other object (not fixed)
fixed	149	18	Other object (not fixed)
fixed	152	18	Other object (not fixed)
flagged	36	73	Special warning device - watchman, flagg
flagman	36	50	Officer, crossing guard, flagman, etc.
flammable	154	3	Flammable liquid and combustible liquid
flashing	36	4	Flashing traffic control signal
flashing	216	32	Fail to stop for flashing red
flashing	217	32	Fail to stop for flashing red
flashing	218	32	Fail to stop for flashing red
flat	229	80	Tire blowout or flat
flat	230	80	Tire blowout or flat
flat	231	80	Tire blowout or flat
flat	232	80	Tire blowout or flat
flat	342	76	Tire blowout or flat
flat	343	76	Tire blowout or flat
flat	344	76	Tire blowout or flat
flat	442	76	Tire blowout or flat
flat	443	76	Tire blowout or flat
flat	444	76	Tire blowout or flat
flatbed	132	3	Flatbed
fleeing	216	5	Fleeing or eluding police
fleeing	217	5	Fleeing or eluding police
fleeing	218	5	Fleeing or eluding police
flees	342	56	Nondriver flees scene

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
flees	343	56	Nondriver flees scene
flees	344	56	Nondriver flees scene
flees	442	56	Nondriver flees scene
flees	443	56	Nondriver flees scene
flees	444	56	Nondriver flees scene
flexible	170	5	(F) Flexible fuel
florida	1	12	Florida
florida	123	12	Florida
florida	159	12	Florida
florida	209	12	Florida
flow	29	*	TRAFFICWAY FLOW
fog	40	5	Fog, smog, smoke
fog	41	5	Fog, smog, smoke
fog	233	1	Rain, snow, fog, smoke, sand, dust
fog	234	1	Rain, snow, fog, smoke, sand, dust
fog	235	1	Rain, snow, fog, smoke, sand, dust
fog	342	60	Rain, snow, fog, smoke, sand, dust
fog	343	60	Rain, snow, fog, smoke, sand, dust
fog	344	60	Rain, snow, fog, smoke, sand, dust
fog	442	60	Rain, snow, fog, smoke, sand, dust
fog	443	60	Rain, snow, fog, smoke, sand, dust
fog	444	60	Rain, snow, fog, smoke, sand, dust
following	216	58	Following too closely
following	217	58	Following too closely
following	218	58	Following too closely
following	229	26	Following improperly
following	230	26	Following improperly
following	231	26	Following improperly
following	232	26	Following improperly
following	342	26	Following improperly
following	343	26	Following improperly
following	344	26	Following improperly
following	442	26	Following improperly
following	443	26	Following improperly
following	444	26	Following improperly
ford	108	12	Ford
ford	110	67	Medium / heavy pickup (Ford Super Duty 4
forests	24	0	No special jurisdiction (includes Nation
fork-lift	110	97	Other vehicle type (includes go-cart, fo
form	14	*	NUMBER OF VEHICLE FORMS
form	15	*	TOTAL # OF VEHICLE FORMS
form	16	*	NUMBER OF PERSON FORMS
form	17	*	NUMBER OF PED/BIKE FORMS
form	341	60	Invalid on the 2006 person level form
form	441	60	Invalid on the 2002 person level form
forward	312	10	Child safety seat - forward facing
forward	412	10	Child safety seat - forward facing
found	106	99	Dummy record - no striking vehicle match
found	327	998	Tested for drugs, drugs found, type unkn
found	329	998	Tested for drugs, drugs found, type unkn
found	331	998	Tested for drugs, drugs found, type unkn
found	427	998	Tested for drugs, drugs found, type unkn
found	429	998	Tested for drugs, drugs found, type unkn
found	431	998	Tested for drugs, drugs found, type unkn
fourth	311	41	Fourth seat - left side
fourth	411	41	Fourth seat - left side
freeways	19	12	Principal arterial - other freeways or e

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
freightliner	108	82	Freightliner
friday	57	6	Friday
front	311	11	Front seat - left side (driver's side)
front	313	1	Deployed: front
front	411	11	Front seat - left side (driver's side)
front	413	1	Deployed: front
frontage	20	7	Frontage road
front-to-front	26	2	Front-to-front (includes head-on)
front-to-rear	26	1	Front-to-rear (includes rear-end)
front-to-side	26	3	Angle - front-to-side, same direction
frost	35	4	Ice / frost
fuel	142	36	Electric / alternative fuel vehicle
fuel	143	36	Electric / alternative fuel vehicle
fuel	170	*	VIN TRUCK FUEL CODE
full	210	1	Full driver license
function	19	*	ROADWAY FUNCTION CLASS
functional	138	4	Functional damage
functioning	37	*	TRAFFIC CONT FUNCTIONING
fwd	108	83	FWD
garbage	132	7	Garbage/refuse
gas	25	4	Gas inhalation
gas	144	4	Gas inhalation
gas	145	4	Gas inhalation
gas	146	4	Gas inhalation
gas	147	4	Gas inhalation
gas	148	4	Gas inhalation
gas	149	4	Gas inhalation
gas	152	4	Gas inhalation
gas	170	0	(N) Compressed Natural Gas
gaseous-powered	170	6	(C) Gasoline engine that can be easily c
gases	154	2	Gases
gasoline	170	6	(C) Gasoline engine that can be easily c
gate	36	60	Gates
gdl	229	73	Driver has not complied with learner's p
gdl	230	73	Driver has not complied with learner's p
gdl	231	73	Driver has not complied with learner's p
gdl	232	73	Driver has not complied with learner's p
general	108	3	AM General
georgia	1	13	Georgia
georgia	123	13	Georgia
georgia	159	13	Georgia
georgia	209	13	Georgia
gillag	108	92	Gillag
glare	233	2	Reflected glare, bright sunlight, headli
glare	234	2	Reflected glare, bright sunlight, headli
glare	235	2	Reflected glare, bright sunlight, headli
glare	342	61	Reflected glare, bright sunlight, headli
glare	343	61	Reflected glare, bright sunlight, headli
glare	344	61	Reflected glare, bright sunlight, headli
glare	442	61	Reflected glare, bright sunlight, headli
glare	443	61	Reflected glare, bright sunlight, headli
glare	444	61	Reflected glare, bright sunlight, headli
gmc	108	23	GMC
go-cart	110	97	Other vehicle type (includes go-cart, fo
golf	110	97	Other vehicle type (includes go-cart, fo
gore	28	8	Gore
gore	126	4	In gore

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
government	124	3	Veh registered as business/company/gover
grade	27	6	Rail grade crossing
grade	33	2	Grade
grade	36	80	Grade crossing controlled, type unknown
grade	53	*	RAIL GRADE CROSSING ID
grade	216	36	Violate RR grade crossing device/regulat
grade	217	36	Violate RR grade crossing device/regulat
grade	218	36	Violate RR grade crossing device/regulat
grader	110	93	Construction equipment other than trucks
graduated	210	2	Graduated Driver License - Intermediate
grain	132	8	Grain/chips/gravel
grand	110	16	Utility station wagon (includes suburban
grate	25	44	Pavement surface irregularity (pothole,
grate	144	44	Pavement surface irregularity (pothole,
grate	145	44	Pavement surface irregularity (pothole,
grate	146	44	Pavement surface irregularity (pothole,
grate	147	44	Pavement surface irregularity (pothole,
grate	148	44	Pavement surface irregularity (pothole,
grate	149	44	Pavement surface irregularity (pothole,
grate	152	44	Pavement surface irregularity (pothole,
gravel	34	4	Slag, gravel or stone
gravel	35	5	Sand, dirt, mud, gravel
gravel	132	8	Grain/chips/gravel
greyhound	110	51	Cross country/intercity bus (ie, Greyhou
grooved	25	44	Pavement surface irregularity (pothole,
grooved	144	44	Pavement surface irregularity (pothole,
grooved	145	44	Pavement surface irregularity (pothole,
grooved	146	44	Pavement surface irregularity (pothole,
grooved	147	44	Pavement surface irregularity (pothole,
grooved	148	44	Pavement surface irregularity (pothole,
grooved	149	44	Pavement surface irregularity (pothole,
grooved	152	44	Pavement surface irregularity (pothole,
gross	163	*	GROSS WEIGHT RATING-GVWR
grumman	108	25	Grumman
guam	123	14	Guam
guam	159	14	Guam
guam	209	14	Guam
guamanian	347	58	Guamanian
guamanian	447	58	Guamanian
guard	36	50	Officer, crossing guard, flagman, etc.
guardrail	25	24	Guardrail face
guardrail	144	24	Guardrail face
guardrail	145	24	Guardrail face
guardrail	146	24	Guardrail face
guardrail	147	24	Guardrail face
guardrail	148	24	Guardrail face
guardrail	149	24	Guardrail face
guardrail	152	24	Guardrail face
gvwr	110	30	Compact pickup (GVWR < 4,500 lbs.)
hail	40	3	Sleet (hail)
hail	41	3	Sleet (hail)
handicapped	142	32	Vehicle registration for handicapped
handicapped	143	32	Vehicle registration for handicapped
hardtop	110	2	2-door sedan, hardtop, coupe
harley-davidson	108	72	Harley-Davidson
harmful	25	*	FIRST HARMFUL EVENT
harmful	152	*	MOST HARMFUL EVENT

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
hatchback	110	3	3-door/2-door hatchback
hawaii	1	15	Hawaii
hawaii	123	15	Hawaii
hawaii	159	15	Hawaii
hawaii	209	15	Hawaii
hawaiian	347	6	Hawaiian (includes part-Hawaiian)
hawaiian	447	6	Hawaiian (includes part-Hawaiian)
hazard	154	6	Poison (toxic) and poison inhalation haz
hazardous	130	0	Not applicable, not a medium/heavy truck
hazardous	154	*	HAZ MATERIAL CLASS NUM
hazardous	155	*	HAZ MATERIAL ID
hazardous	156	*	HAZ MATERIAL INVOLVED
hazardous	157	*	HAZ MATERIAL PLACARD
hazardous	158	*	HAZ MATERIAL RELEASE
hazardous	216	85	Violation of hazardous cargo regulations
hazardous	217	85	Violation of hazardous cargo regulations
hazardous	218	85	Violation of hazardous cargo regulations
head	142	37	Transporting children to/from Head Start
head	143	37	Transporting children to/from Head Start
headlight	142	7	Headlights
headlight	143	7	Headlights
headlight	233	2	Reflected glare, bright sunlight, headli
headlight	234	2	Reflected glare, bright sunlight, headli
headlight	235	2	Reflected glare, bright sunlight, headli
headlight	342	61	Reflected glare, bright sunlight, headli
headlight	343	61	Reflected glare, bright sunlight, headli
headlight	344	61	Reflected glare, bright sunlight, headli
headlight	442	61	Reflected glare, bright sunlight, headli
headlight	443	61	Reflected glare, bright sunlight, headli
headlight	444	61	Reflected glare, bright sunlight, headli
head-on	26	2	Front-to-front (includes head-on)
head-up	229	98	Head-up display
head-up	230	98	Head-up display
head-up	231	98	Head-up display
head-up	232	98	Head-up display
healey	108	33	Austin/Healey
heavy	110	65	Medium / heavy truck based motorhome
heavy	130	0	Not applicable, not a medium/heavy truck
height	237	*	DRIVER HEIGHT - INCHES
helmet	216	84	Motorcycle equipment violations (helmet,
helmet	217	84	Motorcycle equipment violations (helmet,
helmet	218	84	Motorcycle equipment violations (helmet,
helmet	312	5	Motorcycle helmet
helmet	412	5	Motorcycle helmet
helmets	312	15	Helmets used improperly
helmets	412	15	Helmets used improperly
hi-cube	110	28	Other van type (Hi-Cube Van, Kary)
highway	18	*	NATIONAL HIGHWAY SYSTEM
highway	20	2	U.S. highway
highway	25	27	Highway/traffic sign post/sign
highway	29	2	Divided highway, median strip (without t
highway	36	6	Flashing highway traffic signal, type un
highway	106	4	Working motor vehicle (highway construct
highway	142	39	Highway construction, maintenance or uti
highway	143	39	Highway construction, maintenance or uti
highway	144	27	Highway/traffic sign post/sign
highway	145	27	Highway/traffic sign post/sign

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
highway	146	27	Highway/traffic sign post/sign
highway	147	27	Highway/traffic sign post/sign
highway	148	27	Highway/traffic sign post/sign
highway	149	27	Highway/traffic sign post/sign
highway	152	27	Highway/traffic sign post/sign
hill	229	33	Passing where prohibited by posted signs
hill	230	33	Passing where prohibited by posted signs
hill	231	33	Passing where prohibited by posted signs
hill	232	33	Passing where prohibited by posted signs
hill	233	3	Curve, hill or other roadway design feat
hill	234	3	Curve, hill or other roadway design feat
hill	235	3	Curve, hill or other roadway design feat
hill	342	33	Passing where prohibited by posted signs
hill	343	33	Passing where prohibited by posted signs
hill	344	33	Passing where prohibited by posted signs
hill	442	33	Passing where prohibited by posted signs
hill	443	33	Passing where prohibited by posted signs
hill	444	33	Passing where prohibited by posted signs
hillcrest	33	3	Hillcrest
hispanic	348	*	HISPANIC ORIGIN
hispanic	448	*	HISPANIC ORIGIN
hit-and-run	38	*	HIT-AND-RUN
hit-and-run	216	7	Hit-and-run, fail to stop after crash
hit-and-run	217	7	Hit-and-run, fail to stop after crash
hit-and-run	218	7	Hit-and-run, fail to stop after crash
hit-and-run	229	90	Hit-and-run vehicle, driver
hit-and-run	230	90	Hit-and-run vehicle, driver
hit-and-run	231	90	Hit-and-run vehicle, driver
hit-and-run	232	90	Hit-and-run vehicle, driver
hitch	142	15	Trailer hitch
hitch	143	15	Trailer hitch
hole	229	82	Ruts, holes, bumps in road
hole	230	82	Ruts, holes, bumps in road
hole	231	82	Ruts, holes, bumps in road
hole	232	82	Ruts, holes, bumps in road
hole	342	78	Ruts, holes, bumps in road
hole	343	78	Ruts, holes, bump in road
hole	344	78	Ruts, holes, bump in road
hole	442	78	Ruts, holes, bump in road
hole	443	78	Ruts, holes, bump in road
hole	444	78	Ruts, holes, bump in road
homicide	216	1	Manslaughter or homicide
homicide	217	1	Manslaughter or homicide
homicide	218	1	Manslaughter or homicide
homicide	229	91	Nontraffic violation charged (manslaught
homicide	230	91	Nontraffic violation charged (manslaught
homicide	231	91	Nontraffic violation charged (manslaught
homicide	232	91	Nontraffic violation charged (manslaught
honda	108	37	Honda
hood	142	14	Body, doors, hood, other
hood	143	14	Body, doors, hood, other
horn	142	10	Horn
horn	143	10	Horn
hospital	47	*	EMS HOSPITAL - HOUR
hospital	48	*	EMS HOSPITAL - MINUTE
hospital	333	*	OCC TAKEN TO HOSPITAL BY
hospital	433	*	NMT TAKEN TO HOSPITAL BY

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
hour	12	*	CRASH TIME - HOUR
hour	43	*	EMS NOTIFIED - HOUR
hour	44	0	On hour
hour	45	*	EMS ARRIVAL - HOUR
hour	46	0	On hour
hour	47	*	EMS HOSPITAL - HOUR
hour	48	0	On hour
hour	216	73	Commercial driver violations (log book,
hour	217	73	Commercial driver violations (log book,
hour	218	73	Commercial driver violations (log book,
hour	338	*	OCC DEATH TIME - HOURS
hour	340	*	LAG TIME ACC/DEATH - HRS
hour	438	*	NMTR DEATH TIME - HOURS
hour	440	*	LAG TIME ACC/DEATH - HRS
hydrant	25	40	Fire hydrant
hydrant	144	40	Fire hydrant
hydrant	145	40	Fire hydrant
hydrant	146	40	Fire hydrant
hydrant	147	40	Fire hydrant
hydrant	148	40	Fire hydrant
hydrant	149	40	Fire hydrant
hydrant	152	40	Fire hydrant
hyundai	108	55	Hyundai
ice	35	4	Ice / frost
ice	229	87	Ice, snow, slush, water, sand, dirt, oil
ice	230	87	Ice, snow, slush, water, sand, dirt, oil
ice	231	87	Ice, snow, slush, water, sand, dirt, oil
ice	232	87	Ice, snow, slush, water, sand, dirt, oil
ice	342	83	Ice, snow, slush, water, sand, dirt, oil
ice	343	83	Ice, snow, slush, water, sand, dirt, oil
ice	344	83	Ice, snow, slush, water, sand, dirt, oil
ice	442	83	Ice, snow, slush, water, sand, dirt, oil
ice	443	83	Ice, snow, slush, water, sand, dirt, oil
ice	444	83	Ice, snow, slush, water, sand, dirt, oil
idaho	1	16	Idaho
idaho	123	16	Idaho
idaho	159	16	Idaho
idaho	209	16	Idaho
identifier	21	*	TRAFFICWAY IDENTIFIER #1
identifier	22	*	TRAFFICWAY IDENTIFIER #2
identifier	53	*	RAIL GRADE CROSSING ID
identifier	155	*	HAZ MATERIAL ID
identifier	160	*	MOTOR CARRIER ID NUMBER
identifier	161	*	MOTOR CARRIER ID NUMBER
ill	229	2	Ill, passed out/blackout
ill	230	2	Ill, passed out/blackout
ill	231	2	Ill, passed out/blackout
ill	232	2	Ill, passed out/blackout
ill	342	6	Ill, passed out / blackout
ill	343	6	Ill, passed out / blackout
ill	344	6	Ill, passed out / blackout
ill	442	6	Ill, passed out / blackout
ill	443	6	Ill, passed out / blackout
ill	444	6	Ill, passed out / blackout
illegal	216	15	Illegal possession of alcohol or drugs
illegal	217	15	Illegal possession of alcohol or drugs
illegal	218	15	Illegal possession of alcohol or drugs

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
illegal	229	29	Illegal driving on road shoulder, in dit
illegal	230	29	Illegal driving on road shoulder, in dit
illegal	231	29	Illegal driving on road shoulder, in dit
illegal	232	29	Illegal driving on road shoulder, in dit
illegal	342	29	Illegal driving on road, shoulder, in di
illegal	343	29	Illegal driving on road, shoulder, in di
illegal	344	29	Illegal driving on road, shoulder, in di
illegal	442	29	Illegal driving on road, shoulder, in di
illegal	443	29	Illegal driving on road, shoulder, in di
illegal	444	29	Illegal driving on road, shoulder, in di
illinois	1	17	Illinois
illinois	123	17	Illinois
illinois	159	17	Illinois
illinois	209	17	Illinois
immersion	25	3	Immersion
immersion	144	3	Immersion
immersion	145	3	Immersion
immersion	146	3	Immersion
immersion	147	3	Immersion
immersion	148	3	Immersion
immersion	149	3	Immersion
immersion	152	3	Immersion
impact	25	20	Impact attenuator/crash cushion
impact	135	*	IMPACT POINT - INITIAL
impact	136	*	IMPACT POINT - PRINCIPAL
impact	144	20	Impact attenuator/crash cushion
impact	145	20	Impact attenuator/crash cushion
impact	146	20	Impact attenuator/crash cushion
impact	147	20	Impact attenuator/crash cushion
impact	148	20	Impact attenuator/crash cushion
impact	149	20	Impact attenuator/crash cushion
impact	152	20	Impact attenuator/crash cushion
impaired	216	12	Driving while impaired
impaired	217	12	Driving while impaired
impaired	218	12	Driving while impaired
impaired	229	9	Impaired due to previous injury
impaired	230	9	Impaired due to previous injury
impaired	231	9	Impaired due to previous injury
impaired	232	9	Impaired due to previous injury
impaired	342	14	Impaired due to previous injury
impaired	343	14	Impaired due to previous injury
impaired	344	14	Impaired due to previous injury
impaired	442	14	Impaired due to previous injury
impaired	443	14	Impaired due to previous injury
impaired	444	14	Impaired due to previous injury
impairment	216	19	Alcohol, drug, or impairment violations,
impairment	217	19	Alcohol, drug, or impairment violations,
impairment	218	19	Alcohol, drug, or impairment violations,
impairment	229	11	Other physical impairment (includes para
impairment	230	11	Other physical impairment (includes para
impairment	231	11	Other physical impairment (includes para
impairment	232	11	Other physical impairment (includes para
impairment	342	17	Other physical impairment
impairment	343	17	Other physical impairment
impairment	344	17	Other physical impairment
impairment	442	17	Other physical impairment
impairment	443	17	Other physical impairment

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
impairment	444	17	Other physical impairment
imperial	108	8	Imperial
imports	108	69	Other Imports
imposed	229	74	Driver has not complied with physical or
imposed	230	74	Driver has not complied with physical or
imposed	231	74	Driver has not complied with physical or
imposed	232	74	Driver has not complied with physical or
improper	216	4	Inattentive, careless, improper driving
improper	217	4	Inattentive, careless, improper driving
improper	218	4	Inattentive, careless, improper driving
improper	229	21	Overloading or improper loading of vehic
improper	230	21	Overloading or improper loading of vehic
improper	231	21	Overloading or improper loading of vehic
improper	232	21	Overloading or improper loading of vehic
improper	342	3	Improper crossing of roadway or intersec
improper	343	3	Improper crossing of roadway or intersec
improper	344	3	Improper crossing of roadway or intersec
improper	442	3	Improper crossing of roadway or intersec
improper	443	3	Improper crossing of roadway or intersec
improper	444	3	Improper crossing of roadway or intersec
inadequate	50	1	Inadequate warning of exits, lanes narro
inadequate	51	1	Inadequate warning of exits, lanes narro
inadequate	52	1	Inadequate warning of exits, lanes narro
inadequate	229	35	Passing with insufficient distance or in
inadequate	230	35	Passing with insufficient distance or in
inadequate	231	35	Passing with insufficient distance or in
inadequate	232	35	Passing with insufficient distance or in
inadequate	233	9	Inadequate defrost or defog system
inadequate	234	9	Inadequate defrost or defog system
inadequate	235	9	Inadequate defrost or defog system
inadequate	342	35	Passing with insufficient distance or in
inadequate	343	35	Passing with insufficient distance or in
inadequate	344	35	Passing with insufficient distance or in
inadequate	442	35	Passing with insufficient distance or in
inadequate	443	35	Passing with insufficient distance or in
inadequate	444	35	Passing with insufficient distance or in
inattentive	216	4	Inattentive, careless, improper driving
inattentive	217	4	Inattentive, careless, improper driving
inattentive	218	4	Inattentive, careless, improper driving
inattentive	229	6	Operating the vehicle in careless or Ina
inattentive	230	6	Operating the vehicle in careless or Ina
inattentive	231	6	Operating the vehicle in careless or Ina
inattentive	232	6	Operating the vehicle in careless or Ina
inattentive	342	10	Inattentive (talking, eating, reading, e
inattentive	343	10	Inattentive (talking, eating, reading, e
inattentive	344	10	Inattentive (talking, eating, reading, e
inattentive	442	10	Inattentive (talking, eating, reading, e
inattentive	443	10	Inattentive (talking, eating, reading, e
inattentive	444	10	Inattentive (talking, eating, reading, e
incapacitating	332	3	A - incapacitating injury
incapacitating	432	3	A - incapacitating injury
inches	237	*	DRIVER HEIGHT - INCHES
incident	142	40	Highway incident response vehicle
incident	143	40	Highway incident response vehicle
inconclusive	151	8	Not reported/inconclusive (by Police)
indian	24	3	American Indian reservation
indian	347	3	American Indian (includes Aleuts and Esk

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
indian	447	3	American Indian (includes Aleuts and Esk
indiana	1	18	Indiana
indiana	123	18	Indiana
indiana	159	18	Indiana
indiana	209	18	Indiana
indians	347	19	Other Indian (includes South and Central
indians	447	19	Other Indian (includes South and Central
indication	50	23	Indication of a stalled/disabled vehicle
indication	51	23	Indication of a stalled/disabled vehicle
indication	52	23	Indication of a stalled/disabled vehicle
individual	347	78	Asian or Pacific Islander, no specific (
individual	447	78	Asian or Pacific Islander, no specific (
individuals	347	97	Multiple races (individuals races not sp
individuals	447	97	Multiple races (individuals races not sp
infiniti	108	58	Infiniti
influence	216	13	Driving under influence of substance not
influence	217	13	Driving under influence of substance not
influence	218	13	Driving under influence of substance not
influence	229	5	Under the influence of alcohol, drugs or
influence	230	5	Under the influence of alcohol, drugs or
influence	231	5	Under the influence of alcohol, drugs or
influence	232	5	Under the influence of alcohol, drugs or
influence	342	15	Under the influence of alcohol, drugs or
influence	343	15	Under the influence of alcohol, drugs or
influence	344	15	Under the influence of alcohol, drugs or
influence	442	15	Under the Influence of Alcohol, Drugs or
influence	443	15	Under the Influence of Alcohol, Drugs or
influence	444	15	Under the Influence of Alcohol, Drugs or
information	170	9	(9) No VIN information
inhalation	25	4	Gas inhalation
inhalation	144	4	Gas inhalation
inhalation	145	4	Gas inhalation
inhalation	146	4	Gas inhalation
inhalation	147	4	Gas inhalation
inhalation	148	4	Gas inhalation
inhalation	149	4	Gas inhalation
inhalation	152	4	Gas inhalation
inhalation	154	6	Poison (toxic) and poison inhalation haz
initial	135	*	IMPACT POINT - INITIAL
injured	25	6	Injured in vehicle (other than cargo/equ
injured	65	0	0 unknown injured
injured	144	6	Injured in vehicle (other than cargo/equ
injured	145	6	Injured in vehicle (other than cargo/equ
injured	146	6	Injured in vehicle (other than cargo/equ
injured	147	6	Injured in vehicle (other than cargo/equ
injured	148	6	Injured in vehicle (other than cargo/equ
injured	149	6	Injured in vehicle (other than cargo/equ
injured	152	6	Injured in vehicle (other than cargo/equ
injured	180	*	NUM UNK INJURED IN VEH
injured	332	5	Injured, severity unknown
injured	432	5	Injured, severity unknown
injury	25	51	Jackknife (causing injury or damage)
injury	65	*	NUM UNK INJ IN CRASH
injury	135	18	This vehicle set something in motion cau
injury	136	18	This vehicle set something in motion cau
injury	152	51	Jackknife (causing injury or damage)
injury	229	9	Impaired due to previous injury

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
injury	230	9	Impaired due to previous injury
injury	231	9	Impaired due to previous injury
injury	232	9	Impaired due to previous injury
injury	332	*	OCCUPANT INJURY SEVERITY
injury	342	14	Impaired due to previous injury
injury	343	14	Impaired due to previous injury
injury	344	14	Impaired due to previous injury
injury	346	*	OCC FATAL INJURY AT WORK
injury	432	*	NMTR INJURY SEVERITY
injury	442	14	Impaired due to previous injury
injury	443	14	Impaired due to previous injury
injury	444	14	Impaired due to previous injury
injury	446	*	NMTR FATAL INJ AT WORK
inside	106	1	Motor vehicle in-transport (inside or ou
inside	142	39	Highway construction, maintenance or uti
inside	143	39	Highway construction, maintenance or uti
instruction	229	41	Failure to observe warnings or instructi
instruction	230	41	Failure to observe warnings or instructi
instruction	231	41	Failure to observe warnings or instructi
instruction	232	41	Failure to observe warnings or instructi
instruction	342	41	Failure to observe warnings or instructi
instruction	343	41	Failure to observe warnings or instructi
instruction	344	41	Failure to observe warnings or instructi
instruction	442	41	Failure to observe warnings or instructi
instruction	443	41	Failure to observe warnings or instructi
instruction	444	41	Failure to observe warnings or instructi
insufficient	216	48	Enter intersection when space insufficie
insufficient	217	48	Enter intersection when space insufficie
insufficient	218	48	Enter intersection when space insufficie
insufficient	229	35	Passing with insufficient distance or in
insufficient	230	35	Passing with insufficient distance or in
insufficient	231	35	Passing with insufficient distance or in
insufficient	232	35	Passing with insufficient distance or in
insufficient	342	35	Passing with insufficient distance or in
insufficient	343	35	Passing with insufficient distance or in
insufficient	344	35	Passing with insufficient distance or in
insufficient	442	35	Passing with insufficient distance or in
insufficient	443	35	Passing with insufficient distance or in
insufficient	444	35	Passing with insufficient distance or in
insurance	216	75	Fail to carry insurance card
insurance	217	75	Fail to carry insurance card
insurance	218	75	Fail to carry insurance card
intended	216	13	Driving under influence of substance not
intended	217	13	Driving under influence of substance not
intended	218	13	Driving under influence of substance not
intention	229	42	Failure to signal intentions
intention	230	42	Failure to signal intentions
intention	231	42	Failure to signal intentions
intention	232	42	Failure to signal intentions
intention	342	42	Failure to signal intentions
intention	343	42	Failure to signal intentions
intention	344	42	Failure to signal intentions
intention	442	42	Failure to signal intentions
intention	443	42	Failure to signal intentions
intention	444	42	Failure to signal intentions
intentional	229	51	Driving on wrong side of road (intention
intentional	230	51	Driving on wrong side of road (intention

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
intentional	231	51	Driving on wrong side of road (intention
intentional	232	51	Driving on wrong side of road (intention
intentional	342	50	Driving on wrong side of road (intention
intentional	343	50	Driving on wrong side of road (intention
intentional	344	50	Driving on wrong side of road (intention
intentional	442	50	Driving on wrong side of road (intention
intentional	443	50	Driving on wrong side of road (intention
intentional	444	50	Driving on wrong side of road (intention
interchange	27	15	Other location in interchange
intercity	110	51	Cross country/intercity bus (ie, Greyhou
interfering	342	5	Interfering with driver
interfering	343	5	Interfering with driver
interfering	344	5	Interfering with driver
interfering	442	5	Interfering with driver
interfering	443	5	Interfering with driver
interfering	444	5	Interfering with driver
interior	233	11	Obstruction interior to the vehicle
interior	234	11	Obstruction interior to the vehicle
interior	235	11	Obstruction interior to the vehicle
intermediate	210	2	Graduated Driver License - Intermediate
intermediate	229	73	Driver has not complied with learner's p
intermediate	230	73	Driver has not complied with learner's p
intermediate	231	73	Driver has not complied with learner's p
intermediate	232	73	Driver has not complied with learner's p
intermodal	132	11	Intermodal container chassis
international	108	84	International
intersection	27	2	Intersection
intersection	216	48	Enter intersection when space insufficie
intersection	217	48	Enter intersection when space insufficie
intersection	218	48	Enter intersection when space insufficie
intersection	342	3	Improper crossing of roadway or intersec
intersection	343	3	Improper crossing of roadway or intersec
intersection	344	3	Improper crossing of roadway or intersec
intersection	417	1	Intersection - in crosswalk
intersection	442	3	Improper crossing of roadway or intersec
intersection	443	3	Improper crossing of roadway or intersec
intersection	444	3	Improper crossing of roadway or intersec
interstate	19	1	Principal arterial - interstate
interstate	20	1	Interstate
intoxicate	216	13	Driving under influence of substance not
intoxicate	217	13	Driving under influence of substance not
intoxicate	218	13	Driving under influence of substance not
intoxicated	216	11	Driving while intoxicated (alcohol or dr
intoxicated	217	11	Driving while intoxicated (alcohol or dr
intoxicated	218	11	Driving while intoxicated (alcohol or dr
in-transport	25	12	Motor vehicle in-transport on same roadw
in-transport	106	1	Motor vehicle in-transport (inside or ou
in-transport	128	0	Stopped motor vehicle in-transport
in-transport	137	7	Overriding a motor vehicle in-transport
in-transport	142	39	Highway construction, maintenance or uti
in-transport	143	39	Highway construction, maintenance or uti
in-transport	144	12	Motor vehicle in-transport on same roadw
in-transport	145	12	Motor vehicle in-transport on same roadw
in-transport	146	12	Motor vehicle in-transport on same roadw
in-transport	147	12	Motor vehicle in-transport on same roadw
in-transport	148	12	Motor vehicle in-transport on same roadw
in-transport	149	12	Motor vehicle in-transport on same roadw

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
in-transport	152	12	Motor vehicle in-transport on same roadw
in-transport	233	6	In-transport motor vehicle (including lo
in-transport	234	6	In-transport motor vehicle (including lo
in-transport	235	6	In-transport motor vehicle (including lo
in-transport	310	1	Driver of a motor vehicle in-transport
in-transport	407	0	Not applicable / occupant of a motor veh
in-transport	410	3	Occupant of a motor vehicle not in-trans
in-transport	417	0	Not applicable - occupant of a motor veh
intrusion	137	1	Underride, compartment intrusion
involved	50	20	Police pursuit involved
involved	51	20	Police pursuit involved
involved	52	20	Police pursuit involved
involved	156	*	HAZ MATERIAL INVOLVED
involved	318	0	No (alcohol not involved)
involved	323	0	No (drugs not involved)
involved	418	0	No (alcohol not involved)
involved	423	0	No (drugs not involved)
iowa	1	19	Iowa
iowa	123	19	Iowa
iowa	159	19	Iowa
iowa	209	19	Iowa
irregularity	25	44	Pavement surface irregularity (pothole,
irregularity	144	44	Pavement surface irregularity (pothole,
irregularity	145	44	Pavement surface irregularity (pothole,
irregularity	146	44	Pavement surface irregularity (pothole,
irregularity	147	44	Pavement surface irregularity (pothole,
irregularity	148	44	Pavement surface irregularity (pothole,
irregularity	149	44	Pavement surface irregularity (pothole,
irregularity	152	44	Pavement surface irregularity (pothole,
islander	347	68	Other Asian or Pacific Islander
islander	447	68	Other Asian or Pacific Islander
isuzu	108	38	Isuzu
iveco	108	88	Iveco/Magirus
jackknife	25	51	Jackknife (causing injury or damage)
jackknife	127	*	JACKKNIFE
jackknife	144	51	Jackknife
jackknife	145	51	Jackknife
jackknife	146	51	Jackknife
jackknife	147	51	Jackknife
jackknife	148	51	Jackknife
jackknife	149	51	Jackknife
jackknife	152	51	Jackknife (causing injury or damage)
jaguar	108	39	Jaguar
january	9	1	January
january	59	39754	January 1, 2009
january	224	1	January
january	226	1	January
january	335	1	January
january	435	1	January
japanese	347	5	Japanese
japanese	447	5	Japanese
jeep	108	2	Jeep
jogging	342	19	Pedestrian jogging
jogging	343	19	Pedestrian jogging
jogging	344	19	Pedestrian jogging
jogging	442	19	Pedestrian jogging
jogging	443	19	Pedestrian jogging

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
jogging	444	19	Pedestrian jogging
julian	59	*	ACCIDENT DATE - JULIAN
july	9	7	July
july	224	7	July
july	226	7	July
july	335	7	July
july	435	7	July
jumped	25	5	Fell/jumped from vehicle
jumped	144	5	Fell/jumped from vehicle
jumped	145	5	Fell/jumped from vehicle
jumped	146	5	Fell/jumped from vehicle
jumped	147	5	Fell/jumped from vehicle
jumped	148	5	Fell/jumped from vehicle
jumped	149	5	Fell/jumped from vehicle
jumped	152	5	Fell/jumped from vehicle
junction	27	*	RELATION TO JUNCTION
june	9	6	June
june	224	6	June
june	226	6	June
june	335	6	June
june	435	6	June
jurisdiction	24	*	SPECIAL JURISDICTION
kansas	1	20	Kansas
kansas	123	20	Kansas
kansas	159	20	Kansas
kansas	209	20	Kansas
kawasaki	108	73	Kawasaki
kentucky	1	21	Kentucky
kentucky	123	21	Kentucky
kentucky	159	21	Kentucky
kentucky	209	21	Kentucky
kenworth	108	85	Kenworth
kia	108	63	Kia
killed	56	0	0 killed
killed	64	0	0 killed
killed	179	0	0 killed
kingpin	142	3	Steering system - includes tie-rod, king
kingpin	143	3	Steering system - includes tie-rod, king
k-injured	64	*	NUMBER K-INJ IN CRASH
k-injured	179	*	NUMBER K-INJURED IN VEH
knee	313	7	Deployed: other (knee, air belt, etc.)
knee	413	7	Deployed: other (knee, air belt, etc.)
korean	347	28	Korean
korean	447	28	Korean
lag	340	*	LAG TIME ACC/DEATH - HRS
lag	341	*	LAG TIME ACC/DEATH - MIN
lag	440	*	LAG TIME ACC/DEATH - HRS
lag	441	*	LAG TIME ACC/DEATH - MIN
lamp	216	81	Lamp violations
lamp	217	81	Lamp violations
lamp	218	81	Lamp violations
lancia	108	40	Lancia
land	108	62	Land Rover
lane	28	7	In parking lane/zone
lane	29	5	Not physically divided (with two-way con
lane	30	*	NUMBER OF TRAVEL LANES
lane	36	7	Lane use control signal

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
lane	50	1	Inadequate warning of exits, lanes narro
lane	51	1	Inadequate warning of exits, lanes narro
lane	52	1	Inadequate warning of exits, lanes narro
lane	150	2	Slowing or stopping in traffic lane
lane	216	42	Improper method & position of turn (too
lane	217	42	Improper method & position of turn (too
lane	218	42	Improper method & position of turn (too
lane	229	27	Improper or erratic lane changing
lane	230	27	Improper or erratic lane changing
lane	231	27	Improper or erratic lane changing
lane	232	27	Improper or erratic lane changing
lane	342	27	Improper or erratic lane changing
lane	343	27	Improper or erratic lane changing
lane	344	27	Improper or erratic lane changing
lane	417	14	Nonintersection - in parking lane
lane	442	27	Improper or erratic lane changing
lane	443	27	Improper or erratic lane changing
lane	444	27	Improper or erratic lane changing
lap	312	2	Lap belt
lap	412	2	Lap belt
latitude	54	*	LATITUDE
law	229	16	Police or law enforcement officer
law	230	16	Police or law enforcement officer
law	231	16	Police or law enforcement officer
law	232	16	Police or law enforcement officer
law	333	2	Yes, Law Enforcement
law	342	87	Police or law enforcement officer
law	343	87	Police or law enforcement officer
law	344	87	Police or law enforcement officer
law	433	2	Yes, Law Enforcement
law	442	87	Police or law enforcement officer
law	443	87	Police or law enforcement officer
law	444	87	Police or law enforcement officer
laws	229	39	Failure to obey actual traffic signs, tr
laws	230	39	Failure to obey actual traffic signs, tr
laws	231	39	Failure to obey actual traffic signs, tr
laws	232	39	Failure to obey actual traffic signs, tr
laws	342	39	Failure to obey actual traffic sign, tra
laws	343	39	Failure to obey actual traffic sign, tra
laws	344	39	Failure to obey actual traffic sign, tra
laws	442	39	Failure to obey actual traffic sign, tra
laws	443	39	Failure to obey actual traffic sign, tra
laws	444	39	Failure to obey actual traffic sign, tra
learner's	210	7	Graduated Driver License - Learner's Per
learner's	212	7	Learner's permit
learner's	229	73	Driver has not complied with learner's p
learner's	230	73	Driver has not complied with learner's p
learner's	231	73	Driver has not complied with learner's p
learner's	232	73	Driver has not complied with learner's p
leaves	229	87	Ice, snow, slush, water, sand, dirt, oil
leaves	230	87	Ice, snow, slush, water, sand, dirt, oil
leaves	231	87	Ice, snow, slush, water, sand, dirt, oil
leaves	232	87	Ice, snow, slush, water, sand, dirt, oil
leaves	342	83	Ice, snow, slush, water, sand, dirt, oil
leaves	343	83	Ice, snow, slush, water, sand, dirt, oil
leaves	344	83	Ice, snow, slush, water, sand, dirt, oil
leaves	442	83	Ice, snow, slush, water, sand, dirt, oil

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
leaves	443	83	Ice, snow, slush, water, sand, dirt, oil
leaves	444	83	Ice, snow, slush, water, sand, dirt, oil
leaving	150	6	Leaving a parked position
leaving	229	20	Leaving vehicle unattended with engine r
leaving	230	20	Leaving vehicle unattended with engine r
leaving	231	20	Leaving vehicle unattended with engine r
leaving	232	20	Leaving vehicle unattended with engine r
left	29	5	Not physically divided (with two-way con
left	140	4	Abandoned / left at scene
left	144	64	Ran off road - left
left	145	64	Ran off road - left
left	146	64	Ran off road - left
left	147	64	Ran off road - left
left	148	64	Ran off road - left
left	149	64	Ran off road - left
left	150	13	Turning left
left	216	52	Driving on left, wrong side of road, gen
left	217	8	Fail to give aid, info., wait for police
left	218	8	Fail to give aid, info., wait for police
left	229	47	Making right turn from left-turn lane, m
left	230	47	Making right turn from left-turn lane, m
left	231	47	Making right turn from left-turn lane, m
left	232	47	Making right turn from left-turn lane, m
left	311	11	Front seat - left side (driver's side)
left	342	47	Making right turn from left-turn lane or
left	343	47	Making right turn from left-turn lane or
left	344	47	Making right turn from left-turn lane or
left	411	11	Front seat - left side (driver's side)
left	442	47	Making right turn from left-turn lane or
left	443	47	Making right turn from left-turn lane or
left	444	47	Making right turn from left-turn lane or
left-turn	28	11	Two-way continuous left-turn lane
left-turn	229	47	Making right turn from left-turn lane, m
left-turn	230	47	Making right turn from left-turn lane, m
left-turn	231	47	Making right turn from left-turn lane, m
left-turn	232	47	Making right turn from left-turn lane, m
left-turn	342	47	Making right turn from left-turn lane or
left-turn	343	47	Making right turn from left-turn lane or
left-turn	344	47	Making right turn from left-turn lane or
left-turn	442	47	Making right turn from left-turn lane or
left-turn	443	47	Making right turn from left-turn lane or
left-turn	444	47	Making right turn from left-turn lane or
legally	229	19	Legally driving on suspended or revoked
legally	230	19	Legally driving on suspended or revoked
legally	231	19	Legally driving on suspended or revoked
legally	232	19	Legally driving on suspended or revoked
length	174	*	LENGTH OF VIN
level	33	1	Level
level	341	60	Invalid on the 2006 person level form
level	441	60	Invalid on the 2002 person level form
lexus	108	59	Lexus
license	209	*	DRIVER'S LICENSE STATE
license	210	*	NON-CDL LICENSE TYPE
license	211	*	NON-CDL LICENSE STATUS
license	212	*	CDL LICENSE STATUS
license	213	*	LICENSE ENDORSEMENTS
license	214	*	LICENSE CLASS COMPLIANCE

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
license	215	*	LICENSE RESTRICTIONS MET
license	216	71	Driving while license withdrawn (includi
license	217	71	Driving while license withdrawn (includi
license	218	71	Driving while license withdrawn (includi
license	229	19	Legally driving on suspended or revoked
license	230	19	Legally driving on suspended or revoked
license	231	19	Legally driving on suspended or revoked
license	232	19	Legally driving on suspended or revoked
licensed	210	0	Not licensed
licensed	211	0	Not licensed
licensed	214	0	Not licensed
light	25	29	Luminaire/light support
light	36	61	Flashing lights
light	39	*	LIGHT CONDITION
light	110	39	Unknown (pickup style) light conventiona
light	130	70	Light truck (van, minivan, panel, pickup
light	142	8	Signal lights
light	143	8	Signal lights
light	144	29	Luminaire/light support
light	145	29	Luminaire/light support
light	146	29	Luminaire/light support
light	147	29	Luminaire/light support
light	148	29	Luminaire/light support
light	149	29	Luminaire/light support
light	152	29	Luminaire/light support
light	229	23	Failing to dim lights or to have lights
light	230	23	Failing to dim lights or to have lights
light	231	23	Failing to dim lights or to have lights
light	232	23	Failing to dim lights or to have lights
light	342	23	Failure to dim lights or have lights on
light	343	23	Failure to dim lights or have lights on
light	344	23	Failure to dim lights or have lights on
light	442	23	Failing to dim lights or have lights on
light	443	23	Failing to dim lights or have lights on
light	444	23	Failing to dim lights or have lights on
lighted	39	2	Dark, not lighted
lighting	39	6	Dark, unknown lighting
lighting	233	10	Inadequate vehicle lighting system
lighting	234	10	Inadequate vehicle lighting system
lighting	235	10	Inadequate vehicle lighting system
lighting	342	68	Inadequate lighting system
lighting	343	68	Inadequate lighting system
lighting	344	68	Inadequate lighting system
lighting	442	68	Inadequate lighting system
lighting	443	68	Inadequate lighting system
lighting	444	68	Inadequate lighting system
limit	31	*	SPEED LIMIT
limit	36	30	School speed limit sign
limit	50	22	Speed limit is a statutory limit as reco
limit	51	22	Speed limit is a statutory limit as reco
limit	52	22	Speed limit is a statutory limit as reco
limit	216	11	Driving while intoxicated (alcohol or dr
limit	217	11	Driving while intoxicated (alcohol or dr
limit	218	11	Driving while intoxicated (alcohol or dr
limited	216	93	Driving where prohibited (sidewalk, limi
limited	217	93	Driving where prohibited (sidewalk, limi
limited	218	93	Driving where prohibited (sidewalk, limi

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
limousine	110	12	Large limousine - more than four side do
limousines	110	16	Utility station wagon (includes suburban
lincoln	108	13	Lincoln
line	229	33	Passing where prohibited by posted signs
line	230	33	Passing where prohibited by posted signs
line	231	33	Passing where prohibited by posted signs
line	232	33	Passing where prohibited by posted signs
line	342	33	Passing where prohibited by posted signs
line	343	33	Passing where prohibited by posted signs
line	344	33	Passing where prohibited by posted signs
line	442	33	Passing where prohibited by posted signs
line	443	33	Passing where prohibited by posted signs
line	444	33	Passing where prohibited by posted signs
linkage	129	5	Vehicle towing another motor vehicle - f
liquid	154	3	Flammable liquid and combustible liquid
live	25	11	Live animal
live	144	11	Live animal
live	145	11	Live animal
live	146	11	Live animal
live	147	11	Live animal
live	148	11	Live animal
live	149	11	Live animal
live	152	11	Live animal
live	229	83	Live animals in road
live	230	83	Live animals in road
live	231	83	Live animals in road
live	232	83	Live animals in road
live	342	79	Live animals in road
live	343	79	Live animals in road
live	344	79	Live animals in road
live	442	79	Live animals in road
live	443	79	Live animals in road
live	444	79	Live animals in road
liver	321	7	Liver
liver	421	7	Liver
load	216	86	Size, weight, load violations
load	217	86	Size, weight, load violations
load	218	86	Size, weight, load violations
load	233	6	In-transport motor vehicle (including lo
load	234	6	In-transport motor vehicle (including lo
load	235	6	In-transport motor vehicle (including lo
load	342	65	Motor vehicle (including load)
load	343	65	Motor vehicle (including load)
load	344	65	Motor vehicle (including load)
load	442	65	Motor vehicle (including load)
load	443	65	Motor vehicle (including load)
load	444	65	Motor vehicle (including load)
loading	229	21	Overloading or improper loading of vehic
loading	230	21	Overloading or improper loading of vehic
loading	231	21	Overloading or improper loading of vehic
loading	232	21	Overloading or improper loading of vehic
loading	342	21	Overloading or improper loading of vehic
loading	343	21	Overloading or improper loading of vehic
loading	344	21	Overloading or improper loading of vehic
loading	442	21	Overloading or improper loading of vehic
loading	443	21	Overloading or improper loading of vehic
loading	444	21	Overloading or improper loading of vehic

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
local	19	6	Local road or street
locations	334	0	Not applicable (non-fatalities and victi
locations	434	0	Not applicable (non-fatalities and victi
locked	229	57	Locked wheel
locked	230	57	Locked wheel
locked	231	57	Locked wheel
locked	232	57	Locked wheel
locked	342	58	Locked wheel
locked	343	58	Locked wheel
locked	344	58	Locked wheel
locked	442	58	Locked wheel
locked	443	58	Locked wheel
locked	444	58	Locked wheel
log	132	10	Log
log	216	73	Commercial driver violations (log book,
log	217	73	Commercial driver violations (log book,
log	218	73	Commercial driver violations (log book,
longitude	55	*	LONGITUDE
longitudinal	169	*	VIN AUTO WHEELBASE LONG
loose	50	14	Motor vehicle struck by falling cargo, o
loose	51	14	Motor vehicle struck by falling cargo, o
loose	52	14	Motor vehicle struck by falling cargo, o
loose	229	79	Slippery or loose surface
loose	230	79	Slippery or loose surface
loose	231	79	Slippery or loose surface
loose	232	79	Slippery or loose surface
loose	342	75	Slippery or loose surface
loose	343	75	Slippery or loose surface
loose	344	75	Slippery or loose surface
loose	442	75	Slippery or loose surface
loose	443	75	Slippery or loose surface
loose	444	75	Slippery or loose surface
louisiana	1	22	Louisiana
louisiana	123	22	Louisiana
louisiana	159	22	Louisiana
louisiana	209	22	Louisiana
luminaire	25	29	Luminaire/light support
luminaire	144	29	Luminaire/light support
luminaire	145	29	Luminaire/light support
luminaire	146	29	Luminaire/light support
luminaire	147	29	Luminaire/light support
luminaire	148	29	Luminaire/light support
luminaire	149	29	Luminaire/light support
luminaire	152	29	Luminaire/light support
lying	342	4	Walking/riding with or against traffic,
lying	343	4	Walking/riding with or against traffic,
lying	344	4	Walking/riding with or against traffic,
lying	442	4	Walking/riding with or against traffic,
lying	443	4	Walking/riding with or against traffic,
lying	444	4	Walking/riding with or against traffic,
machines	229	95	Computer / fax machines / printers
machines	230	95	Computer / fax machines / printers
machines	231	95	Computer / fax machines / printers
machines	232	95	Computer / fax machines / printers
mack	108	86	Mack
macpherson-strut	142	4	Suspension - includes springs, shock-abs
macpherson-strut	143	4	Suspension - includes springs, shock-abs

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
magirus	108	88	Iveco/Magirus
mail	25	53	Mail box
mail	144	53	Mail box
mail	145	53	Mail box
mail	146	53	Mail box
mail	147	53	Mail box
mail	148	53	Mail box
mail	149	53	Mail box
mail	152	53	Mail box
maine	1	23	Maine
maine	123	23	Maine
maine	159	23	Maine
maine	209	23	Maine
maintenance	25	45	Working motor vehicle (construction, mai
maintenance	42	2	Maintenance
maintenance	106	4	Working motor vehicle (highway construct
maintenance	142	39	Highway construction, maintenance or uti
maintenance	143	39	Highway construction, maintenance or uti
maintenance	144	45	Working motor vehicle (construction, mai
maintenance	145	45	Working motor vehicle (construction, mai
maintenance	146	45	Working motor vehicle (construction, mai
maintenance	147	45	Working motor vehicle (construction, mai
maintenance	148	45	Working motor vehicle (construction, mai
maintenance	149	45	Working motor vehicle (construction, mai
maintenance	152	45	Working construction, maintenance or uti
maintenance	342	9	Construction/maintenance/utility worker
maintenance	343	9	Construction/maintenance/utility worker
maintenance	344	9	Construction/maintenance/utility worker
maintenance	442	9	Construction/maintenance/utility worker
maintenance	443	9	Construction/maintenance/utility worker
maintenance	444	9	Construction/maintenance/utility worker
major	19	4	Major collector
make	108	*	VEHICLE MAKE
make-model	109	*	VEHICLE MAKE-MODEL
male	309	1	Male
male	409	1	Male
malice	229	91	Nontraffic violation charged (manslaught
malice	230	91	Nontraffic violation charged (manslaught
malice	231	91	Nontraffic violation charged (manslaught
malice	232	91	Nontraffic violation charged (manslaught
maneuver	150	*	VEHICLE MANEUVER
maneuver	151	*	CRASH AVOIDANCE MANEUVER
manner	26	*	MANNER OF COLLISION
manner	229	6	Operating the vehicle in careless or Ina
manner	230	6	Operating the vehicle in careless or Ina
manner	231	6	Operating the vehicle in careless or Ina
manner	232	6	Operating the vehicle in careless or Ina
manner	342	36	Operating the veh in an erratic, reckles
manner	343	36	Operating the veh in an erratic, reckles
manner	344	36	Operating the veh in an erratic, reckles
manner	442	36	Operating the veh in an erratic, reckles
manner	443	36	Operating the veh in an erratic, reckles
manner	444	36	Operating the veh in an erratic, reckles
manslaughter	216	1	Manslaughter or homicide
manslaughter	217	1	Manslaughter or homicide
manslaughter	218	1	Manslaughter or homicide
manslaughter	229	91	Nontraffic violation charged (manslaught

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
manslaughter	230	91	Nontraffic violation charged (manslaught
manslaughter	231	91	Nontraffic violation charged (manslaught
manslaughter	232	91	Nontraffic violation charged (manslaught
march	9	3	March
march	224	3	March
march	226	3	March
march	335	3	March
march	435	3	March
marking	50	4	No or obscured pavement marking
marking	51	4	No (or obscured) pavement marking
marking	52	4	No (or obscured) pavement marking
marking	216	41	Turn in violation of traffic control (di
marking	217	41	Turn in violation of traffic control (di
marking	218	41	Turn in violation of traffic control (di
marking	229	33	Passing where prohibited by posted signs
marking	230	33	Passing where prohibited by posted signs
marking	231	33	Passing where prohibited by posted signs
marking	232	33	Passing where prohibited by posted signs
marking	342	33	Passing where prohibited by posted signs
marking	343	33	Passing where prohibited by posted signs
marking	344	33	Passing where prohibited by posted signs
marking	442	33	Passing where prohibited by posted signs
marking	443	33	Passing where prohibited by posted signs
marking	444	33	Passing where prohibited by posted signs
marks	151	1	Braking (skid marks evident)
maryland	1	24	Maryland
maryland	123	24	Maryland
maryland	159	24	Maryland
maryland	209	24	Maryland
massachusetts	1	25	Massachusetts
massachusetts	123	25	Massachusetts
massachusetts	159	25	Massachusetts
massachusetts	209	25	Massachusetts
material	25	37	Embankment - material type unknown
material	130	0	Not applicable, not a medium/heavy truck
material	144	37	Embankment - material type unknown
material	145	37	Embankment - material type unknown
material	146	37	Embankment - material type unknown
material	147	37	Embankment - material type unknown
material	148	37	Embankment - material type unknown
material	149	37	Embankment - material type unknown
material	152	37	Embankment - material type unknown
material	154	*	HAZ MATERIAL CLASS NUM
material	155	*	HAZ MATERIAL ID
material	156	*	HAZ MATERIAL INVOLVED
material	157	*	HAZ MATERIAL PLACARD
material	158	*	HAZ MATERIAL RELEASE
maximum	342	44	Driving too fast for conditions or in ex
maximum	343	44	Driving too fast for conditions or in ex
maximum	344	44	Driving too fast for conditions or in ex
maximum	442	44	Driving too fast for conditions or in ex
maximum	443	44	Driving too fast for conditions or in ex
maximum	444	44	Driving too fast for conditions or in ex
may	9	5	May
may	224	5	May
may	226	5	May
may	335	5	May

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
may	435	5	May
mazda	108	41	Mazda
mc/mx (icc)	159	58	MC/MX (ICC)
mci	108	93	MCI
median	28	3	Median
median	29	2	Divided highway, median strip (without t
median	126	3	On median / separator
median	144	65	Cross median/centerline
median	145	65	Cross median/centerline
median	146	65	Cross median/centerline
median	147	65	Cross median/centerline
median	148	65	Cross median/centerline
median	149	65	Cross median/centerline
median	229	29	Illegal driving on road shoulder, in dit
median	230	29	Illegal driving on road shoulder, in dit
median	231	29	Illegal driving on road shoulder, in dit
median	232	29	Illegal driving on road shoulder, in dit
median	342	29	Illegal driving on road, shoulder, in di
median	343	29	Illegal driving on road, shoulder, in di
median	344	29	Illegal driving on road, shoulder, in di
median	442	29	Illegal driving on road, shoulder, in di
median	443	29	Illegal driving on road, shoulder, in di
median	444	29	Illegal driving on road, shoulder, in di
medication	229	4	Reaction to or failure to take drugs / m
medication	230	4	Reaction to or failure to take drugs / m
medication	231	4	Reaction to or failure to take drugs / m
medication	232	4	Reaction to or failure to take drugs / m
medication	342	15	Under the influence of alcohol, drugs or
medication	343	15	Under the influence of alcohol, drugs or
medication	344	15	Under the influence of alcohol, drugs or
medication	442	15	Under the Influence of Alcohol, Drugs or
medication	443	15	Under the Influence of Alcohol, Drugs or
medication	444	15	Under the Influence of Alcohol, Drugs or
medium	110	65	Medium / heavy truck based motorhome
medium	130	0	Not applicable, not a medium/heavy truck
mentally	229	13	Mentally challenged
mentally	230	13	Mentally challenged
mentally	231	13	Mentally challenged
mentally	232	13	Mentally challenged
mentally	342	8	Mentally challenged
mentally	343	8	Mentally challenged
mentally	344	8	Mentally challenged
mentally	442	8	Mentally challenged
mentally	443	8	Mentally challenged
mentally	444	8	Mentally challenged
mercedes-benz	108	42	Mercedes-Benz
mercury	108	14	Mercury
merging	150	16	Changing lanes or merging
merkur	108	56	Merkur
method	216	42	Improper method & position of turn (too
method	217	42	Improper method & position of turn (too
method	218	42	Improper method & position of turn (too
method	319	*	OCC METHOD ALC DETERMIN
method	419	*	NMTR METH ALC DETERMINAT
mexican	348	1	Mexican
mexican	448	1	Mexican
mexico	123	96	Mexico

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
mexico	159	96	Mexico
mexico	209	96	Mexico
mg	108	43	MG
michigan	1	26	Michigan
michigan	123	26	Michigan
michigan	159	26	Michigan
michigan	209	26	Michigan
middle	311	12	Front seat - middle
middle	411	12	Front seat - middle
midnight	43	0	12:00 am (midnight)
midnight	45	0	12:00 am (midnight)
midnight	47	0	12:00 am (midnight)
midnight	338	0	12:00 midnight - 12:59 am
midnight	438	0	12:00 midnight - 12:59 am
milepoint	23	*	MILEPOINT
military	24	2	Military
military	133	4	Military
mini-bikes	110	88	Other motored cycle type (mini-bikes, mo
minimum	229	45	Driving less than posted minimum
minimum	230	45	Driving less than posted minimum
minimum	231	45	Driving less than posted minimum
minimum	232	45	Driving less than posted minimum
minimum	342	45	Driving less than posted minimum
minimum	343	45	Driving less than posted minimum
minimum	344	45	Driving less than posted minimum
minimum	442	45	Driving less than posted minimum
minimum	443	45	Driving less than posted minimum
minimum	444	45	Driving less than posted minimum
minivan	110	20	Minivan
minivan	130	70	Light truck (van, minivan, panel, pickup
minnesota	1	27	Minnesota
minnesota	123	27	Minnesota
minnesota	159	27	Minnesota
minnesota	209	27	Minnesota
minor	19	3	Minor arterial
minor	138	2	Minor damage
minute	13	*	CRASH TIME - MINUTE
minute	44	*	EMS NOTIFIED - MINUTE
minute	46	*	EMS ARRIVAL - MINUTE
minute	48	*	EMS HOSPITAL - MINUTE
minute	339	*	OCC DEATH TIME - MINUTES
minute	341	*	LAG TIME ACC/DEATH - MIN
minute	439	*	NMTR DEATH TIME - MINUTE
minute	441	*	LAG TIME ACC/DEATH - MIN
mirror	142	11	Mirrors
mirror	143	11	Mirrors
mirror	233	12	External mirrors
mirror	234	12	External mirrors
mirror	235	12	External mirrors
mirror	342	70	Mirrors (rear view, side mirrors, others
mirror	343	70	Mirrors (rear view, side mirrors, others
mirror	344	70	Mirrors (rear view, side mirrors, others
mirror	442	70	Mirrors (rear view, side mirrors, others
mirror	443	70	Mirrors (rear view, side mirrors, others
mirror	444	70	Mirrors (rear view, side mirrors, others
mississippi	1	28	Mississippi
mississippi	123	28	Mississippi

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
mississippi	159	28	Mississippi
mississippi	209	28	Mississippi
missouri	1	29	Missouri
missouri	123	29	Missouri
missouri	159	29	Missouri
missouri	209	29	Missouri
mist	40	2	Rain (mist)
mist	41	2	Rain (mist)
mitsubishi	108	52	Mitsubishi
mixer	132	5	Concrete mixer
model	111	*	MODEL YEAR
model	165	*	VIN AUTO MODEL
modified	162	8	Modified for personal/private use
monday	57	2	Monday
montana	1	30	Montana
montana	123	30	Montana
montana	159	30	Montana
montana	209	30	Montana
month	9	*	CRASH DATE - MONTH
month	224	*	LAST CRASH - MONTH
month	226	*	FIRST CRASH - MONTH
month	335	*	OCC DEATH DATE - MONTH
month	435	*	NMTR DEATH DATE - MONTH
moped	110	81	Moped (motorized bicycle)
mother	229	12	Mother of dead fetus
mother	230	12	Mother of dead fetus
mother	231	12	Mother of dead fetus
mother	232	12	Mother of dead fetus
mother	342	18	Mother of dead fetus
mother	343	18	Mother of dead fetus
mother	344	18	Mother of dead fetus
mother	442	18	Mother of dead fetus
mother	443	18	Mother of dead fetus
mother	444	18	Mother of dead fetus
motion	25	55	Motor vehicle in motion outside the traf
motion	135	18	This vehicle set something in motion cau
motion	136	18	This vehicle set something in motion cau
motion	144	55	Motor vehicle in motion outside the traf
motion	145	55	Motor vehicle in motion outside the traf
motion	146	55	Motor vehicle in motion outside the traf
motion	147	55	Motor vehicle in motion outside the traf
motion	148	55	Motor vehicle in motion outside the traf
motion	149	55	Motor vehicle in motion outside the traf
motion	152	55	Motor vehicle in motion outside the traf
motion	229	32	Opening closure into moving traffic or w
motion	230	32	Opening closure into moving traffic or w
motion	231	32	Opening closure into moving traffic or w
motion	232	32	Opening closure into moving traffic or w
motion	342	32	Opening vehicle closure into moving traf
motion	343	32	Opening vehicle closure into moving traf
motion	344	32	Opening vehicle closure into moving traf
motion	407	0	Not applicable / occupant of a motor veh
motion	417	0	Not applicable - occupant of a motor veh
motion	442	32	Opening vehicle closure into moving traf
motion	443	32	Opening vehicle closure into moving traf
motion	444	32	Opening vehicle closure into moving traf
moto-guzzi	108	74	Moto-Guzzi

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
motor	25	12	Motor vehicle in-transport on same roadw
motor	26	0	Not a collision with a motor vehicle
motor	50	14	Motor vehicle struck by falling cargo, o
motor	51	14	Motor vehicle struck by falling cargo, o
motor	52	14	Motor vehicle struck by falling cargo, o
motor	104	0	Persons not in motor vehicles
motor	106	1	Motor vehicle in-transport (inside or ou
motor	108	1	American Motors
motor	124	6	Driverless / motor vehicle parked / stop
motor	128	0	Stopped motor vehicle in-transport
motor	129	5	Vehicle towing another motor vehicle - f
motor	132	12	Vehicle towing another motor vehicle
motor	137	7	Overriding a motor vehicle in-transport
motor	144	12	Motor vehicle in-transport on same roadw
motor	145	12	Motor vehicle in-transport on same roadw
motor	146	12	Motor vehicle in-transport on same roadw
motor	147	12	Motor vehicle in-transport on same roadw
motor	148	12	Motor vehicle in-transport on same roadw
motor	149	12	Motor vehicle in-transport on same roadw
motor	152	12	Motor vehicle in-transport on same roadw
motor	159	*	MOTOR CARRIER STATE
motor	160	*	MOTOR CARRIER ID NUMBER
motor	161	*	MOTOR CARRIER ID NUMBER
motor	216	92	Theft, unauthorized use of motor vehicle
motor	217	92	Theft, unauthorized use of motor vehicle
motor	218	92	Theft, unauthorized use of motor vehicle
motor	233	6	In-transport motor vehicle (including lo
motor	234	6	In-transport motor vehicle (including lo
motor	235	6	In-transport motor vehicle (including lo
motor	304	0	Not a motor vehicle occupant
motor	310	1	Driver of a motor vehicle in-transport
motor	311	0	Not a motor vehicle occupant
motor	312	0	None used / not applicable (not a motor
motor	342	65	Motor vehicle (including load)
motor	343	65	Motor vehicle (including load)
motor	344	65	Motor vehicle (including load)
motor	407	0	Not applicable / occupant of a motor veh
motor	410	3	Occupant of a motor vehicle not in-trans
motor	411	0	Not a motor vehicle occupant
motor	412	0	None used / not applicable (not a motor
motor	417	0	Not applicable - occupant of a motor veh
motor	442	65	Motor vehicle (including load)
motor	443	65	Motor vehicle (including load)
motor	444	65	Motor vehicle (including load)
motorcycle	110	80	Motorcycle
motorcycle	173	*	VIN MOTORCYCLE DSPLACMNT
motorcycle	216	66	Motorcycle lane violations (more than tw
motorcycle	217	66	Motorcycle lane violations (more than tw
motorcycle	218	66	Motorcycle lane violations (more than tw
motorcycle	312	5	Motorcycle helmet
motorcycle	412	5	Motorcycle helmet
motorcyclist	216	67	Motorcyclist attached to another vehicle
motorcyclist	217	67	Motorcyclist attached to another vehicle
motorcyclist	218	67	Motorcyclist attached to another vehicle
motored	110	88	Other motored cycle type (mini-bikes, mo
motorhome	110	42	Light truck (van-based or pickup-based)
motorized	110	81	Moped (motorized bicycle)

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
motorized	342	13	Motorized wheelchair rider
motorized	343	13	Motorized wheelchair rider
motorized	344	13	Motorized wheelchair rider
motorized	442	13	Motorized wheelchair rider
motorized	443	13	Motorized wheelchair rider
motorized	444	13	Motorized wheelchair rider
motorscooter	110	88	Other motored cycle type (mini-bikes, mo
moving	35	6	Water (standing or moving)
moving	216	63	Certain traffic to use right lane (truck
moving	217	63	Certain traffic to use right lane (truck
moving	218	63	Certain traffic to use right lane (truck
moving	229	32	Opening closure into moving traffic or w
moving	230	32	Opening closure into moving traffic or w
moving	231	32	Opening closure into moving traffic or w
moving	232	32	Opening closure into moving traffic or w
moving	342	32	Opening vehicle closure into moving traf
moving	343	32	Opening vehicle closure into moving traf
moving	344	32	Opening vehicle closure into moving traf
moving	442	32	Opening vehicle closure into moving traf
moving	443	32	Opening vehicle closure into moving traf
moving	444	32	Opening vehicle closure into moving traf
mp3	342	91	Portable electronic devices (cell phone,
mp3	343	91	Portable electronic devices (cell phone,
mp3	344	91	Portable electronic devices (cell phone,
mud	35	5	Sand, dirt, mud, gravel
multiple	347	97	Multiple races (individuals races not sp
multiple	447	97	Multiple races (individuals races not sp
multiple state registrat	123	93	Multiple state registration
municipality	20	6	Municipality
mv	223	*	NUM PREV OTHER MV CONV
narrowing	50	1	Inadequate warning of exits, lanes narro
narrowing	51	1	Inadequate warning of exits, lanes narro
narrowing	52	1	Inadequate warning of exits, lanes narro
national	18	*	NATIONAL HIGHWAY SYSTEM
national	24	0	No special jurisdiction (includes Nation
natural	170	0	(N) Compressed Natural Gas
navigation	229	96	Onboard navigation system
navigation	230	96	Onboard navigation system
navigation	231	96	Onboard navigation system
navigation	232	96	Onboard navigation system
nebraska	1	31	Nebraska
nebraska	123	31	Nebraska
nebraska	159	31	Nebraska
nebraska	209	31	Nebraska
negative	327	1	No drugs reported / negative
negative	329	1	No drugs reported / negative
negative	331	1	No drugs reported / negative
negative	427	1	No drugs reported / negative
negative	429	1	No drugs reported / negative
negative	431	1	No drugs reported / negative
negligent	216	2	Willful reckless driving; driving to end
negligent	217	2	Willful reckless driving; driving to end
negligent	218	2	Willful reckless driving; driving to end
negligent	229	36	Operating the vehicle in an erratic, rec
negligent	230	36	Operating the vehicle in an erratic, rec
negligent	231	36	Operating the vehicle in an erratic, rec
negligent	232	36	Operating the vehicle in an erratic, rec

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
negligent	342	36	Operating the veh in an erratic, reckles
negligent	343	36	Operating the veh in an erratic, reckles
negligent	344	36	Operating the veh in an erratic, reckles
negligent	442	36	Operating the veh in an erratic, reckles
negligent	443	36	Operating the veh in an erratic, reckles
negligent	444	36	Operating the veh in an erratic, reckles
negotiating	150	17	Negotiating a curve
nevada	1	32	Nevada
nevada	123	32	Nevada
nevada	159	32	Nevada
nevada	209	32	Nevada
new hampshire	1	33	New Hampshire
new hampshire	123	33	New Hampshire
new hampshire	159	33	New Hampshire
new hampshire	209	33	New Hampshire
new jersey	1	34	New Jersey
new jersey	123	34	New Jersey
new jersey	159	34	New Jersey
new jersey	209	34	New Jersey
new mexico	1	35	New Mexico
new mexico	123	35	New Mexico
new mexico	159	35	New Mexico
new mexico	209	35	New Mexico
new york	1	36	New York
new york	123	36	New York
new york	159	36	New York
new york	209	36	New York
nhs	18	0	This section is not on the NHS
nissan	108	35	Datsun/Nissan
no registration	123	92	No registration
non-cdl	210	*	NON-CDL LICENSE TYPE
non-cdl	211	*	NON-CDL LICENSE STATUS
noncollision	25	7	Other noncollision
noncollision	135	0	Noncollision
noncollision	136	0	Noncollision
noncollision	139	0	Noncollision
noncollision	144	7	Other noncollision
noncollision	145	7	Other noncollision
noncollision	146	7	Other noncollision
noncollision	147	7	Other noncollision
noncollision	148	7	Other noncollision
noncollision	149	7	Other noncollision
noncollision	152	7	Other noncollision
non-contact	50	13	Aggressive driving / Road rage by non-co
non-contact	51	13	Aggressive driving/Road rage by non-cont
non-contact	52	13	Aggressive driving/Road rage by non-cont
nondriver	50	17	Vehicle set-in-motion by nondriver
nondriver	51	17	Vehicle set-in-motion by nondriver
nondriver	52	17	Vehicle set-in-motion by nondriver
nondriver	342	56	Nondriver flees scene
nondriver	343	56	Nondriver flees scene
nondriver	344	56	Nondriver flees scene
nondriver	442	56	Nondriver flees scene
nondriver	443	56	Nondriver flees scene
nondriver	444	56	Nondriver flees scene
non-fatal	335	88	Not applicable (non-fatal)
non-fatal	336	88	Not applicable (non-fatal)

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
non-fatal	337	8888	Not applicable (non-fatal)
non-fatal	338	88	Not applicable (non-fatal)
non-fatal	339	88	Not applicable (non-fatal)
non-fatal	435	88	Not applicable (non-fatal)
non-fatal	436	88	Not applicable (non-fatal)
non-fatal	437	8888	Not applicable (non-fatal)
non-fatal	438	88	Not applicable (non-fatal)
non-fatal	439	88	Not applicable (non-fatal)
non-fatalities	334	0	Not applicable (non-fatalities and victi
non-fatalities	434	0	Not applicable (non-fatalities and victi
non-fixed	129	6	Vehicle towing another motor vehicle - n
non-hispanic	348	7	Non-Hispanic
non-hispanic	448	7	Non-Hispanic
nonincapacitating	332	2	B - nonincapacitating evident injury
nonincapacitating	432	2	B - nonincapacitating evident injury
non-interchange	27	9	Unknown, non-interchange
nonintersection	417	10	Nonintersection - in crosswalk
nonjunction	27	1	Nonjunction
nonmotor	410	4	Occupant of a nonmotor vehicle transport
nonmotorist	17	0	No nonmotorist form submitted
nonmotorist	25	15	Nonmotorist on personal conveyance
nonmotorist	142	33	Vehicle being pushed by nonmotorist
nonmotorist	143	33	Vehicle being pushed by nonmotorist
nonmotorist	144	15	Nonmotorist on personal conveyance
nonmotorist	145	15	Nonmotorist on personal conveyance
nonmotorist	146	15	Nonmotorist on personal conveyance
nonmotorist	147	15	Nonmotorist on personal conveyance
nonmotorist	148	15	Nonmotorist on personal conveyance
nonmotorist	149	15	Nonmotorist on personal conveyance
nonmotorist	152	15	Nonmotorist on personal conveyance
nonmotorist	229	86	Pedestrian, pedalcyclist, or other nonmo
nonmotorist	230	86	Pedestrian, pedalcyclist, or other nonmo
nonmotorist	231	86	Pedestrian, pedalcyclist, or other nonmo
nonmotorist	232	86	Pedestrian, pedalcyclist, or other nonmo
nonmotorist	342	90	Nonmotorist pushing a vehicle
nonmotorist	343	90	Nonmotorist pushing a vehicle
nonmotorist	344	90	Nonmotorist pushing a vehicle
nonmotorist	405	5	Nonmotorist record
nonmotorist	406	*	NONMOTORIST NUMBER
nonmotorist	408	*	NONMOTORIST AGE
nonmotorist	409	*	NONMOTORIST SEX
nonmotorist	410	*	NONMOTORIST TYPE
nonmotorist	413	*	NONMOTORIST AIR BAG
nonmotorist	414	*	NONMOTORIST EJECTION
nonmotorist	416	*	NONMOTORIST EXTRICATION
nonmotorist	417	*	NONMOTORIST LOCATION
nonmotorist	418	*	NMTR ALCOHOL INVOLVEMENT
nonmotorist	419	*	NMTR METH ALC DETERMINAT
nonmotorist	421	*	NMTR ALC TEST TYPE
nonmotorist	422	*	NMTR ALCOHOL TEST RESULT
nonmotorist	432	*	NMTR INJURY SEVERITY
nonmotorist	435	*	NMTR DEATH DATE - MONTH
nonmotorist	436	*	NMTR DEATH DATE - DAY
nonmotorist	437	*	NMTR DEATH DATE - YEAR
nonmotorist	438	*	NMTR DEATH TIME - HOURS
nonmotorist	439	*	NMTR DEATH TIME - MINUTE
nonmotorist	442	*	NMTR RELATED FACTORS #1

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
nonmotorist	443	*	NMTR RELATED FACTORS #2
nonmotorist	444	*	NMTR RELATED FACTORS #3
nonmotorist	445	*	NMTR DEATH CERTIFICATE
nonmotorist	446	*	NMTR FATAL INJ AT WORK
nonmoving	216	79	Nonmoving violations, generally
nonmoving	217	79	Nonmoving violations, generally
nonmoving	218	79	Nonmoving violations, generally
nonmoving	229	92	Other nonmoving traffic violations
nonmoving	230	92	Other nonmoving traffic violations
nonmoving	231	92	Other nonmoving traffic violations
nonmoving	232	92	Other nonmoving traffic violations
nonoccupant	50	15	Nonoccupant struck by falling cargo or s
nonoccupant	51	15	Nonoccupant struck by falling cargo or s
nonoccupant	52	15	Nonoccupant struck by falling cargo or s
non-pointable	216	25	Energy speed (exceeding 55 MPH, non-poin
non-pointable	217	25	Energy speed (exceeding 55 MPH, non-poin
non-pointable	218	25	Energy speed (exceeding 55 MPH, non-poin
nontraffic	229	91	Nontraffic violation charged (manslaught
nontraffic	230	91	Nontraffic violation charged (manslaught
nontraffic	231	91	Nontraffic violation charged (manslaught
nontraffic	232	91	Nontraffic violation charged (manslaught
normal	229	15	Seat back not in normal upright position
normal	230	15	Seat back not in normal upright position
normal	231	15	Seat back not in normal upright position
normal	232	15	Seat back not in normal upright position
normal	342	88	Seat back not in normal upright position
normal	343	88	Seat back not in normal upright position
normal	344	88	Seat back not in normal upright position
normal	442	88	Seat back not in normal upright position
normal	443	88	Seat back not in normal upright position
normal	444	88	Seat back not in normal upright position
north carolina	1	37	North Carolina
north carolina	123	37	North Carolina
north carolina	159	37	North Carolina
north carolina	209	37	North Carolina
north dakota	1	38	North Dakota
north dakota	123	38	North Dakota
north dakota	159	38	North Dakota
north dakota	209	38	North Dakota
norton	108	75	Norton
notification	43	99	Unknown EMS notification time
notification	44	99	Unknown EMS notification time
notification	50	18	Date of crash and Date of EMS notificati
notification	51	18	Date of crash and Date of EMS notificati
notification	52	18	Date of crash and Date of EMS notificati
notified	43	*	EMS NOTIFIED - HOUR
notified	44	*	EMS NOTIFIED - MINUTE
notified	45	88	Not applicable (not notified)
notified	46	88	Not applicable (not notified)
november	9	11	November
november	224	11	November
november	226	11	November
november	335	11	November
november	435	11	November
obey	216	6	Fail to obey police, fireman, authorized
obey	217	6	Fail to obey police, fireman, authorized
obey	218	6	Fail to obey police, fireman, authorized

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
obey	229	39	Failure to obey actual traffic signs, tr
obey	230	39	Failure to obey actual traffic signs, tr
obey	231	39	Failure to obey actual traffic signs, tr
obey	232	39	Failure to obey actual traffic signs, tr
obey	342	39	Failure to obey actual traffic sign, tra
obey	343	39	Failure to obey actual traffic sign, tra
obey	344	39	Failure to obey actual traffic sign, tra
obey	442	39	Failure to obey actual traffic sign, tra
obey	443	39	Failure to obey actual traffic sign, tra
obey	444	39	Failure to obey actual traffic sign, tra
object	25	16	Thrown or falling object
object	125	1	Rollover, tripped by object/vehicle
object	144	16	Thrown or falling object (other than car
object	145	16	Thrown or falling object (other than car
object	146	16	Thrown or falling object (other than car
object	147	16	Thrown or falling object (other than car
object	148	16	Thrown or falling object (other than car
object	149	16	Thrown or falling object (other than car
object	150	9	Controlled maneuver to avoid an animal,
object	152	16	Thrown or falling object (other than car
object	229	81	Debris or objects in road
object	230	81	Debris or objects in road
object	231	81	Debris or objects in road
object	232	81	Debris or objects in road
object	342	77	Debris or objects in road
object	343	77	Debris or objects in road
object	344	77	Debris or objects in road
object	442	77	Debris or objects in road
object	443	77	Debris or objects in road
object	444	77	Debris or objects in road
obscured	50	4	No or obscured pavement marking
obscured	51	4	No (or obscured) pavement marking
obscured	52	4	No (or obscured) pavement marking
obscured	233	*	DRIVER VISION OBSCURED1
obscured	234	*	DRIVER VISION OBSCURED2
obscured	235	*	DRIVER VISION OBSCURED3
observe	229	41	Failure to observe warnings or instructi
observe	230	41	Failure to observe warnings or instructi
observe	231	41	Failure to observe warnings or instructi
observe	232	41	Failure to observe warnings or instructi
observe	342	41	Failure to observe warnings or instructi
observe	343	41	Failure to observe warnings or instructi
observe	344	41	Failure to observe warnings or instructi
observe	442	41	Failure to observe warnings or instructi
observe	443	41	Failure to observe warnings or instructi
observe	444	41	Failure to observe warnings or instructi
observed	319	5	Observed
observed	419	5	Observed
obstructing	233	14	Obstructing angles on vehicle
obstructing	234	14	Obstructing angles on vehicle
obstructing	235	14	Obstructing angles on vehicle
obstructing	342	69	Obstructing angles on vehicle
obstructing	343	69	Obstructing angles on vehicle
obstructing	344	69	Obstructing angles on vehicle
obstructing	442	69	Obstructing angles on vehicle
obstructing	443	69	Obstructing angles on vehicle
obstructing	444	69	Obstructing angles on vehicle

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
obstruction	233	0	No obstruction noted
obstruction	234	0	No obstruction noted
obstruction	235	0	No obstruction noted
obstruction	342	72	Other visual obstruction
obstruction	343	72	Other visual obstruction
obstruction	344	72	Other visual obstruction
obstruction	442	72	Other visual obstruction
obstruction	443	72	Other visual obstruction
obstruction	444	72	Other visual obstruction
occupant	16	99	99 or more occupant forms
occupant	25	47	Vehicle occupant struck or run over by o
occupant	107	*	NUMBER OF OCCUPANTS
occupant	144	47	Vehicle occupant struck or run over by o
occupant	145	47	Vehicle occupant struck or run over by o
occupant	146	47	Vehicle occupant struck or run over by o
occupant	147	47	Vehicle occupant struck or run over by o
occupant	148	47	Vehicle occupant struck or run over by o
occupant	149	47	Vehicle occupant struck or run over by o
occupant	152	47	Vehicle occupant struck or run over by o
occupant	304	0	Not a motor vehicle occupant
occupant	305	4	Occupant record
occupant	306	*	OCCUPANT NUMBER
occupant	308	*	OCCUPANT AGE
occupant	309	*	OCCUPANT SEX
occupant	310	*	OCCUPANT TYPE
occupant	311	*	OCC SEATING POSITION
occupant	312	0	None used / not applicable (not a motor
occupant	314	*	OCCUPANT EJECTION
occupant	316	*	OCCUPANT EXTRICATION
occupant	318	*	OCC ALCOHOL INVOLVEMENT
occupant	319	*	OCC METHOD ALC DETERMIN
occupant	322	*	OCC ALCOHOL TEST RESULT
occupant	332	*	OCCUPANT INJURY SEVERITY
occupant	333	*	OCC TAKEN TO HOSPITAL BY
occupant	335	*	OCC DEATH DATE - MONTH
occupant	336	*	OCC DEATH DATE - DAY
occupant	337	*	OCC DEATH DATE - YEAR
occupant	338	*	OCC DEATH TIME - HOURS
occupant	339	*	OCC DEATH TIME - MINUTES
occupant	342	*	OCC RELATED FACTORS #1
occupant	343	*	OCC RELATED FACTORS #2
occupant	344	*	OCC RELATED FACTORS #3
occupant	345	*	OCC DEATH CERTIFICATE
occupant	346	*	OCC FATAL INJURY AT WORK
occupant	407	0	Not applicable / occupant of a motor veh
occupant	410	3	Occupant of a motor vehicle not in-trans
occupant	411	0	Not a motor vehicle occupant
occupant	412	0	None used / not applicable (not a motor
occupant	417	0	Not applicable - occupant of a motor veh
occurrence	141	*	FIRE OCCURRENCE
o'clock	135	1	1 o'clock
o'clock	136	1	1 o'clock
october	9	10	October
october	224	10	October
october	226	10	October
october	335	10	October
october	435	10	October

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
offense	229	91	Nontraffic violation charged (manslaught
offense	230	91	Nontraffic violation charged (manslaught
offense	231	91	Nontraffic violation charged (manslaught
offense	232	91	Nontraffic violation charged (manslaught
officer	36	50	Officer, crossing guard, flagman, etc.
officer	229	16	Police or law enforcement officer
officer	230	16	Police or law enforcement officer
officer	231	16	Police or law enforcement officer
officer	232	16	Police or law enforcement officer
officer	342	39	Failure to obey actual traffic sign, tra
officer	343	39	Failure to obey actual traffic sign, tra
officer	344	39	Failure to obey actual traffic sign, tra
officer	442	39	Failure to obey actual traffic sign, tra
officer	443	39	Failure to obey actual traffic sign, tra
officer	444	39	Failure to obey actual traffic sign, tra
officially	46	97	Officially canceled
officially	48	97	Officially canceled
off-road	110	83	Off-road motorcycle (2 wheel)
ohio	1	39	Ohio
ohio	123	39	Ohio
ohio	159	39	Ohio
ohio	209	39	Ohio
oil	35	7	Oil
oil	229	87	Ice, snow, slush, water, sand, dirt, oil
oil	230	87	Ice, snow, slush, water, sand, dirt, oil
oil	231	87	Ice, snow, slush, water, sand, dirt, oil
oil	232	87	Ice, snow, slush, water, sand, dirt, oil
oil	342	83	Ice, snow, slush, water, sand, dirt, oil
oil	343	83	Ice, snow, slush, water, sand, dirt, oil
oil	344	83	Ice, snow, slush, water, sand, dirt, oil
oil	442	83	Ice, snow, slush, water, sand, dirt, oil
oil	443	83	Ice, snow, slush, water, sand, dirt, oil
oil	444	83	Ice, snow, slush, water, sand, dirt, oil
oklahoma	1	40	Oklahoma
oklahoma	123	40	Oklahoma
oklahoma	159	40	Oklahoma
oklahoma	209	40	Oklahoma
oldsmobile	108	21	Oldsmobile
onboard	229	96	Onboard navigation system
onboard	230	96	Onboard navigation system
onboard	231	96	Onboard navigation system
onboard	232	96	Onboard navigation system
one-way	29	4	One-way trafficway
one-way	216	51	Driving wrong way on one-way road
one-way	217	51	Driving wrong way on one-way road
one-way	218	51	Driving wrong way on one-way road
one-way	229	50	Driving wrong way on one-way traffic
one-way	230	50	Driving wrong way on one-way traffic
one-way	231	50	Driving wrong way on one-way traffic
one-way	232	50	Driving wrong way on one-way traffic
one-way	342	49	Driving wrong way on one-way trafficway
one-way	343	49	Driving wrong way on one-way trafficway
one-way	344	49	Driving wrong way on one-way trafficway
one-way	442	49	Driving wrong way on one-way trafficway
one-way	443	49	Driving wrong way on one-way trafficway
one-way	444	49	Driving wrong way on one-way trafficway
opening	216	98	Other moving violation (coasting, backin

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
opening	217	98	Other moving violation (coasting, backin
opening	218	98	Other moving violation (coasting, backin
opening	229	32	Opening closure into moving traffic or w
opening	230	32	Opening closure into moving traffic or w
opening	231	32	Opening closure into moving traffic or w
opening	232	32	Opening closure into moving traffic or w
opening	315	1	Through side door opening
opening	342	32	Opening vehicle closure into moving traf
opening	343	32	Opening vehicle closure into moving traf
opening	344	32	Opening vehicle closure into moving traf
opening	415	1	Through side door opening
opening	442	32	Opening vehicle closure into moving traf
opening	443	32	Opening vehicle closure into moving traf
opening	444	32	Opening vehicle closure into moving traf
operated	142	37	Transporting children to/from Head Start
operated	143	37	Transporting children to/from Head Start
operated	170	1	(E) Electric operated
operating	216	14	Drinking while operating
operating	217	14	Drinking while operating
operating	218	14	Drinking while operating
operating	229	6	Operating the vehicle in careless or Ina
operating	230	6	Operating the vehicle in careless or Ina
operating	231	6	Operating the vehicle in careless or Ina
operating	232	6	Operating the vehicle in careless or Ina
operating	342	24	Operating without required equipment
operating	343	24	Operating without required equipment
operating	344	24	Operating without required equipment
operating	442	24	Operating without required equipment
operating	443	24	Operating without required equipment
operating	444	24	Operating without required equipment
operator	229	52	Operator inexperience
operator	230	52	Operator inexperience
operator	231	52	Operator inexperience
operator	232	52	Operator inexperience
operator	342	51	Operator inexperience
operator	343	51	Operator inexperience
operator	344	51	Operator inexperience
operator	442	51	Operator inexperience
operator	443	51	Operator inexperience
operator	444	51	Operator inexperience
opposite	26	4	Angle - front-to-side, opposite directio
oregon	1	41	Oregon
oregon	123	41	Oregon
oregon	159	41	Oregon
oregon	209	41	Oregon
organic	154	5	Oxidizers and organic peroxide
origin	348	*	HISPANIC ORIGIN
origin	448	*	HISPANIC ORIGIN
other foreign country	123	97	Other Foreign country
other foreign country	209	97	Other foreign country
other registration (incl	123	98	Other registration (includes Native Amer
outside	25	55	Motor vehicle in motion outside the traf
outside	28	5	Outside trafficway / outside right-of-wa
outside	106	1	Motor vehicle in-transport (inside or ou
outside	126	6	Outside of trafficway
outside	142	39	Highway construction, maintenance or uti
outside	143	39	Highway construction, maintenance or uti

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
outside	144	55	Motor vehicle in motion outside the traf
outside	145	55	Motor vehicle in motion outside the traf
outside	146	55	Motor vehicle in motion outside the traf
outside	147	55	Motor vehicle in motion outside the traf
outside	148	55	Motor vehicle in motion outside the traf
outside	149	55	Motor vehicle in motion outside the traf
outside	152	55	Motor vehicle in motion outside the traf
outside	407	0	Not applicable / occupant of a motor veh
outside	417	0	Not applicable - occupant of a motor veh
overcorrecting	229	58	Overcorrecting
overcorrecting	230	58	Overcorrecting
overcorrecting	231	58	Overcorrecting
overcorrecting	232	58	Overcorrecting
overcorrecting	342	59	Overcorrecting
overcorrecting	343	59	Overcorrecting
overcorrecting	344	59	Overcorrecting
overcorrecting	442	59	Overcorrecting
overcorrecting	443	59	Overcorrecting
overcorrecting	444	59	Overcorrecting
overhead	25	28	Overhead sign support/sign
overhead	144	28	Overhead sign support/sign
overhead	145	28	Overhead sign support/sign
overhead	146	28	Overhead sign support/sign
overhead	147	28	Overhead sign support/sign
overhead	148	28	Overhead sign support/sign
overhead	149	28	Overhead sign support/sign
overhead	152	28	Overhead sign support/sign
overloading	229	21	Overloading or improper loading of vehic
overloading	230	21	Overloading or improper loading of vehic
overloading	231	21	Overloading or improper loading of vehic
overloading	232	21	Overloading or improper loading of vehic
overloading	342	21	Overloading or improper loading of vehic
overloading	343	21	Overloading or improper loading of vehic
overloading	344	21	Overloading or improper loading of vehic
overloading	442	21	Overloading or improper loading of vehic
overloading	443	21	Overloading or improper loading of vehic
overloading	444	21	Overloading or improper loading of vehic
override	137	*	UNDERRIDE/OVERRIDE
overriding	137	7	Overriding a motor vehicle in-transport
overtaken	216	56	Fail to give way when overtaken
overtaken	217	56	Fail to give way when overtaken
overtaken	218	56	Fail to give way when overtaken
overtaking	150	5	Passing or overtaking another vehicle
overtaking	229	35	Passing with insufficient distance or in
overtaking	230	35	Passing with insufficient distance or in
overtaking	231	35	Passing with insufficient distance or in
overtaking	232	35	Passing with insufficient distance or in
overtaking	342	35	Passing with insufficient distance or in
overtaking	343	35	Passing with insufficient distance or in
overtaking	344	35	Passing with insufficient distance or in
overtaking	442	35	Passing with insufficient distance or in
overtaking	443	35	Passing with insufficient distance or in
overtaking	444	35	Passing with insufficient distance or in
overturn	25	1	Overturn/rollover
overturn	144	1	Overturn/rollover
overturn	145	1	Overturn/rollover
overturn	146	1	Overturn/rollover

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
overturn	147	1	Overturn/rollover
overturn	148	1	Overturn/rollover
overturn	149	1	Overturn/rollover
overturn	152	1	Overturn/rollover
owned	142	37	Transporting children to/from Head Start
owned	143	37	Transporting children to/from Head Start
owner	124	*	REGISTERED VEHICLE OWNER
oxidizers	154	5	Oxidizers and organic peroxide
pacific	347	68	Other Asian or Pacific Islander
pacific	447	68	Other Asian or Pacific Islander
panel	110	11	Auto-based panel
panel	130	70	Light truck (van, minivan, panel, pickup
parapet	25	22	Bridge parapet end
parapet	144	22	Bridge parapet end
parapet	145	22	Bridge parapet end
parapet	146	22	Bridge parapet end
parapet	147	22	Bridge parapet end
parapet	148	22	Bridge parapet end
parapet	149	22	Bridge parapet end
parapet	152	22	Bridge parapet end
paraplegic	229	11	Other physical impairment (includes para
paraplegic	230	11	Other physical impairment (includes para
paraplegic	231	11	Other physical impairment (includes para
paraplegic	232	11	Other physical impairment (includes para
park	24	1	National Park Service
parked	25	14	Parked motor vehicle or motor vehicle st
parked	124	6	Driverless / motor vehicle parked / stop
parked	144	14	Parked motor vehicle or motor vehicle st
parked	145	14	Parked motor vehicle or motor vehicle st
parked	146	14	Parked motor vehicle or motor vehicle st
parked	147	14	Parked motor vehicle or motor vehicle st
parked	148	14	Parked motor vehicle or motor vehicle st
parked	149	14	Parked motor vehicle or motor vehicle st
parked	150	6	Leaving a parked position
parked	152	14	Parked motor vehicle or motor vehicle st
parked	233	7	Not in-transport motor vehicle (parked,
parked	234	7	Not in-transport motor vehicle (parked,
parked	235	7	Not in-transport motor vehicle (parked,
parked	342	66	Parked vehicle
parked	343	66	Parked vehicle
parked	344	66	Parked vehicle
parked	407	0	Not applicable / occupant of a motor veh
parked	417	0	Not applicable - occupant of a motor veh
parked	442	66	Parked vehicle
parked	443	66	Parked vehicle
parked	444	66	Parked vehicle
parking	28	7	In parking lane/zone
parking	150	15	Backing up (other than for parking purpo
parking	216	91	Parking
parking	217	91	Parking
parking	218	91	Parking
parking	417	14	Nonintersection - in parking lane
parks	24	8	Other (includes state parks)
part-hawaiian	347	6	Hawaiian (includes part-Hawaiian)
part-hawaiian	447	6	Hawaiian (includes part-Hawaiian)
partially	314	2	Partially ejected
partially	414	2	Partially ejected

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Item	Var	CV	Variable Name or Code Value
pas	319	4	Passive Alcohol Sensor (PAS)
pas	419	4	Passive Alcohol Sensor (PAS)
pass	216	54	Pass on right (drive off pavement to pas
pass	217	54	Pass on right (drive off pavement to pas
pass	218	54	Pass on right (drive off pavement to pas
pass	229	33	Passing where prohibited by posted signs
pass	230	33	Passing where prohibited by posted signs
pass	231	33	Passing where prohibited by posted signs
pass	232	33	Passing where prohibited by posted signs
pass	342	33	Passing where prohibited by posted signs
pass	343	33	Passing where prohibited by posted signs
pass	344	33	Passing where prohibited by posted signs
pass	442	33	Passing where prohibited by posted signs
pass	443	33	Passing where prohibited by posted signs
pass	444	33	Passing where prohibited by posted signs
passed	229	2	Ill, passed out/blackout
passed	230	2	Ill, passed out/blackout
passed	231	2	Ill, passed out/blackout
passed	232	2	Ill, passed out/blackout
passed	342	6	Ill, passed out / blackout
passed	343	6	Ill, passed out / blackout
passed	344	6	Ill, passed out / blackout
passed	442	6	Ill, passed out / blackout
passed	443	6	Ill, passed out / blackout
passed	444	6	Ill, passed out / blackout
passenger	130	80	Passenger car (only when displaying a ha
passenger	216	83	Failure to require restraint use (by sel
passenger	217	83	Failure to require restraint use (by sel
passenger	218	83	Failure to require restraint use (by sel
passenger	229	21	Overloading or improper loading of vehic
passenger	230	21	Overloading or improper loading of vehic
passenger	231	21	Overloading or improper loading of vehic
passenger	232	21	Overloading or improper loading of vehic
passenger	310	2	Passenger of a motor vehicle in-transpor
passenger	311	51	Other passenger in enclosed passenger or
passenger	342	21	Overloading or improper loading of vehic
passenger	343	21	Overloading or improper loading of vehic
passenger	344	21	Overloading or improper loading of vehic
passenger	411	51	Other passenger in enclosed passenger or
passenger	442	21	Overloading or improper loading of vehic
passenger	443	21	Overloading or improper loading of vehic
passenger	444	21	Overloading or improper loading of vehic
passing	150	5	Passing or overtaking another vehicle
passing	216	53	Improper, unsafe passing
passing	217	53	Improper, unsafe passing
passing	218	53	Improper, unsafe passing
passing	229	33	Passing where prohibited by posted signs
passing	230	33	Passing where prohibited by posted signs
passing	231	33	Passing where prohibited by posted signs
passing	232	33	Passing where prohibited by posted signs
passing	233	8	Splash or spray of passing vehicle
passing	234	8	Splash or spray of passing vehicle
passing	235	8	Splash or spray of passing vehicle
passing	342	33	Passing where prohibited by posted signs
passing	343	33	Passing where prohibited by posted signs
passing	344	33	Passing where prohibited by posted signs
passing	442	33	Passing where prohibited by posted signs

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
passing	443	33	Passing where prohibited by posted signs
passing	444	33	Passing where prohibited by posted signs
passive	36	78	Other passive device
passive	319	4	Passive Alcohol Sensor (PAS)
passive	419	4	Passive Alcohol Sensor (PAS)
path	315	*	EJECTION PATH
path	415	*	NMT EJECTION PATH
path	417	16	Nonintersection - bike path
pavement	25	44	Pavement surface irregularity (pothole,
pavement	50	4	No or obscured pavement marking
pavement	51	4	No (or obscured) pavement marking
pavement	52	4	No (or obscured) pavement marking
pavement	144	44	Pavement surface irregularity (pothole,
pavement	145	44	Pavement surface irregularity (pothole,
pavement	146	44	Pavement surface irregularity (pothole,
pavement	147	44	Pavement surface irregularity (pothole,
pavement	148	44	Pavement surface irregularity (pothole,
pavement	149	44	Pavement surface irregularity (pothole,
pavement	152	44	Pavement surface irregularity (pothole,
pavement	216	41	Turn in violation of traffic control (di
pavement	217	41	Turn in violation of traffic control (di
pavement	218	41	Turn in violation of traffic control (di
pavement	229	33	Passing where prohibited by posted signs
pavement	230	33	Passing where prohibited by posted signs
pavement	231	33	Passing where prohibited by posted signs
pavement	232	33	Passing where prohibited by posted signs
pavement	342	33	Passing where prohibited by posted signs
pavement	343	33	Passing where prohibited by posted signs
pavement	344	33	Passing where prohibited by posted signs
pavement	442	33	Passing where prohibited by posted signs
pavement	443	33	Passing where prohibited by posted signs
pavement	444	33	Passing where prohibited by posted signs
pbt	319	2	Preliminary Breath Test (PBT)
pbt	321	10	Preliminary breath test (PBT)
pbt	419	2	Preliminary Breath Test (PBT)
pbt	421	10	Preliminary breath test (PBT)
pda	342	91	Portable electronic devices (cell phone,
pda	343	91	Portable electronic devices (cell phone,
pda	344	91	Portable electronic devices (cell phone,
pedalcycle	25	9	Pedalcycle
pedalcycle	144	9	Pedalcycle
pedalcycle	145	9	Pedalcycle
pedalcycle	146	9	Pedalcycle
pedalcycle	147	9	Pedalcycle
pedalcycle	148	9	Pedalcycle
pedalcycle	149	9	Pedalcycle
pedalcycle	152	9	Pedalcycle
pedalcyclist	229	86	Pedestrian, pedalcyclist, or other nonmo
pedalcyclist	230	86	Pedestrian, pedalcyclist, or other nonmo
pedalcyclist	231	86	Pedestrian, pedalcyclist, or other nonmo
pedalcyclist	232	86	Pedestrian, pedalcyclist, or other nonmo
pedalcyclist	342	82	Pedestrian, pedalcyclist or persons on p
pedalcyclist	343	82	Pedestrian, pedalcyclist or persons on p
pedalcyclist	344	82	Pedestrian, pedalcyclist or persons on p
pedalcyclist	442	82	Pedestrian, pedalcyclist or persons on p
pedalcyclist	443	82	Pedestrian, pedalcyclist or persons on p
pedalcyclist	444	82	Pedestrian, pedalcyclist or persons on p

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
pedestrian	17	*	NUMBER OF PED/BIKE FORMS
pedestrian	25	8	Pedestrian
pedestrian	36	1	Traffic control signal (on colors) witho
pedestrian	144	8	Pedestrian
pedestrian	145	8	Pedestrian
pedestrian	146	8	Pedestrian
pedestrian	147	8	Pedestrian
pedestrian	148	8	Pedestrian
pedestrian	149	8	Pedestrian
pedestrian	150	9	Controlled maneuver to avoid an animal,
pedestrian	152	8	Pedestrian
pedestrian	216	33	Violation of turn on red (fail to stop &
pedestrian	217	33	Violation of turn on red (fail to stop &
pedestrian	218	33	Violation of turn on red (fail to stop &
pedestrian	229	86	Pedestrian, pedalcyclist, or other nonmo
pedestrian	230	86	Pedestrian, pedalcyclist, or other nonmo
pedestrian	231	86	Pedestrian, pedalcyclist, or other nonmo
pedestrian	232	86	Pedestrian, pedalcyclist, or other nonmo
pedestrian	342	19	Pedestrian jogging
pedestrian	343	19	Pedestrian jogging
pedestrian	344	19	Pedestrian jogging
pedestrian	410	5	Pedestrian
pedestrian	442	19	Pedestrian jogging
pedestrian	443	19	Pedestrian jogging
pedestrian	444	19	Pedestrian jogging
pennsylvania	1	42	Pennsylvania
pennsylvania	123	42	Pennsylvania
pennsylvania	159	42	Pennsylvania
pennsylvania	209	42	Pennsylvania
people	130	20	Bus (seats for 9-15 people, including dr
performing	142	41	Police, fire, or EMS vehicle working at
performing	143	41	Police, fire, or EMS vehicle working at
permit	210	7	Graduated Driver License - Learner's Per
permit	212	7	Learner's permit
permit	216	71	Driving while license withdrawn (includi
permit	217	71	Driving while license withdrawn (includi
permit	218	71	Driving while license withdrawn (includi
permit	229	73	Driver has not complied with learner's p
permit	230	73	Driver has not complied with learner's p
permit	231	73	Driver has not complied with learner's p
permit	232	73	Driver has not complied with learner's p
permits	216	73	Commercial driver violations (log book,
permits	217	73	Commercial driver violations (log book,
permits	218	73	Commercial driver violations (log book,
peroxide	154	5	Oxidizers and organic peroxide
person	6	*	PERSON NUMBER
person	16	*	NUMBER OF PERSON FORMS
person	25	54	Motor vehicle in-transport strikes or is
person	104	0	Persons not in motor vehicles
person	132	22	Bus (seats 9 or more persons, including
person	144	54	Motor vehicle in-transport strikes or is
person	145	54	Motor vehicle in-transport strikes or is
person	146	54	Motor vehicle in-transport strikes or is
person	147	54	Motor vehicle in-transport strikes or is
person	148	54	Motor vehicle in-transport strikes or is
person	149	54	Motor vehicle in-transport strikes or is
person	152	54	Motor vehicle in-transport strikes or is

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
person	206	*	PERSON NUMBER
person	216	6	Fail to obey police, fireman, authorized
person	217	6	Fail to obey police, fireman, authorized
person	218	6	Fail to obey police, fireman, authorized
person	341	60	Invalid on the 2006 person level form
person	342	0	Not applicable (driver) or none (all oth
person	343	0	Not applicable (driver) or none (all oth
person	344	0	Not applicable (driver) or none (all oth
person	410	8	Persons on personal conveyances
person	441	60	Invalid on the 2002 person level form
person	442	0	Not applicable (driver) or none (all oth
person	443	0	Not applicable (driver) or none (all oth
person	444	0	Not applicable (driver) or none (all oth
personal	25	15	Nonmotorist on personal conveyance
personal	144	15	Nonmotorist on personal conveyance
personal	145	15	Nonmotorist on personal conveyance
personal	146	15	Nonmotorist on personal conveyance
personal	147	15	Nonmotorist on personal conveyance
personal	148	15	Nonmotorist on personal conveyance
personal	149	15	Nonmotorist on personal conveyance
personal	152	15	Nonmotorist on personal conveyance
personal	162	8	Modified for personal/private use
personal	342	82	Pedestrian, pedalcyclist or persons on p
personal	343	82	Pedestrian, pedalcyclist or persons on p
personal	344	82	Pedestrian, pedalcyclist or persons on p
personal	410	8	Persons on personal conveyances
personal	442	82	Pedestrian, pedalcyclist or persons on p
personal	443	82	Pedestrian, pedalcyclist or persons on p
personal	444	82	Pedestrian, pedalcyclist or persons on p
personnel	342	86	Emergency services personnel
personnel	343	86	Emergency services personnel
personnel	344	86	Emergency services personnel
personnel	442	86	Emergency services personnel
personnel	443	86	Emergency services personnel
personnel	444	86	Emergency services personnel
peterbilt	108	87	Peterbilt
peugeot	108	44	Peugeot
phantom	229	85	Phantom vehicle
phantom	230	85	Phantom vehicle
phantom	231	85	Phantom vehicle
phantom	232	85	Phantom vehicle
phantom	342	81	Phantom vehicle
phantom	343	81	Phantom vehicle
phantom	344	81	Phantom vehicle
phantom	442	81	Phantom vehicle
phantom	443	81	Phantom vehicle
phantom	444	81	Phantom vehicle
phone	230	94	Cellular phone in use in vehicle
phone	231	94	Cellular phone in use in vehicle
phone	232	94	Cellular phone in use in vehicle
phone	342	91	Portable electronic devices (cell phone,
phone	343	91	Portable electronic devices (cell phone,
phone	344	91	Portable electronic devices (cell phone,
physical	229	11	Other physical impairment (includes para
physical	230	11	Other physical impairment (includes para
physical	231	11	Other physical impairment (includes para
physical	232	11	Other physical impairment (includes para

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
physical	342	17	Other physical impairment
physical	343	17	Other physical impairment
physical	344	17	Other physical impairment
physical	442	17	Other physical impairment
physical	443	17	Other physical impairment
physical	444	17	Other physical impairment
physically	29	1	Not physically divided (two-way trafficw
pickup	110	10	Auto-based pickup
pickup	130	70	Light truck (van, minivan, panel, pickup
pickup	315	8	Other path (e.g., back of pickup truck)
pickup	415	8	Other path (e.g., back of pickup truck)
pickup-based	110	42	Light truck (van-based or pickup-based)
pier	25	21	Bridge pier or abutment
pier	144	21	Bridge pier or abutment
pier	145	21	Bridge pier or abutment
pier	146	21	Bridge pier or abutment
pier	147	21	Bridge pier or abutment
pier	148	21	Bridge pier or abutment
pier	149	21	Bridge pier or abutment
pier	152	21	Bridge pier or abutment
placard	130	0	Not applicable, not a medium/heavy truck
placard	157	*	HAZ MATERIAL PLACARD
plasma	321	5	Blood plasma/serum
plasma	421	5	Blood plasma/serum
player	342	91	Portable electronic devices (cell phone,
player	343	91	Portable electronic devices (cell phone,
player	344	91	Portable electronic devices (cell phone,
playing	342	4	Walking/riding with or against traffic,
playing	343	4	Walking/riding with or against traffic,
playing	344	4	Walking/riding with or against traffic,
playing	442	4	Walking/riding with or against traffic,
playing	443	4	Walking/riding with or against traffic,
playing	444	4	Walking/riding with or against traffic,
plymouth	108	9	Plymouth
pocket	110	88	Other motored cycle type (mini-bikes, mo
poison	154	6	Poison (toxic) and poison inhalation haz
pole	25	30	Utility pole
pole	132	9	Pole - trailer
pole	144	30	Utility pole
pole	145	30	Utility pole
pole	146	30	Utility pole
pole	147	30	Utility pole
pole	148	30	Utility pole
pole	149	30	Utility pole
pole	152	30	Utility pole
police	50	20	Police pursuit involved
police	51	20	Police pursuit involved
police	52	20	Police pursuit involved
police	124	5	Vehicle was stolen (reported by police)
police	133	5	Police
police	142	41	Police, fire, or EMS vehicle working at
police	143	41	Police, fire, or EMS vehicle working at
police	151	8	Not reported/inconclusive (by Police)
police	216	5	Fleeing or eluding police
police	217	5	Fleeing or eluding police
police	218	5	Fleeing or eluding police
police	229	16	Police or law enforcement officer

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
police	230	16	Police or law enforcement officer
police	231	16	Police or law enforcement officer
police	232	16	Police or law enforcement officer
police	318	9	Unknown (police reported)
police	342	87	Police or law enforcement officer
police	343	87	Police or law enforcement officer
police	344	87	Police or law enforcement officer
police	418	9	Unknown (police reported)
police	442	87	Police or law enforcement officer
police	443	87	Police or law enforcement officer
police	444	87	Police or law enforcement officer
pontiac	108	22	Pontiac
poor	50	6	Inadequate construction or poor design o
poor	51	6	Inadequate construction or poor design o
poor	52	6	Inadequate construction or poor design o
porsche	108	45	Porsche
portable	342	91	Portable electronic devices (cell phone,
portable	343	91	Portable electronic devices (cell phone,
portable	344	91	Portable electronic devices (cell phone,
portable	442	91	Portable Electronic Devices
portable	443	91	Portable Electronic Devices
portable	444	91	Portable Electronic Devices
position	150	6	Leaving a parked position
position	216	42	Improper method & position of turn (too
position	217	42	Improper method & position of turn (too
position	218	42	Improper method & position of turn (too
position	229	15	Seat back not in normal upright position
position	230	15	Seat back not in normal upright position
position	231	15	Seat back not in normal upright position
position	232	15	Seat back not in normal upright position
position	311	*	OCC SEATING POSITION
position	342	88	Seat back not in normal upright position
position	343	88	Seat back not in normal upright position
position	344	88	Seat back not in normal upright position
position	411	*	NMT SEATING POSITION
position	442	88	Seat back not in normal upright position
position	443	88	Seat back not in normal upright position
position	444	88	Seat back not in normal upright position
positive	322	98	Positive reading with no actual value
positive	327	998	Tested for drugs, drugs found, type unkn
positive	329	998	Tested for drugs, drugs found, type unkn
positive	331	998	Tested for drugs, drugs found, type unkn
positive	422	98	Positive reading with no actual value
positive	427	998	Tested for drugs, drugs found, type unkn
positive	429	998	Tested for drugs, drugs found, type unkn
positive	431	998	Tested for drugs, drugs found, type unkn
possession	216	15	Illegal possession of alcohol or drugs
possession	217	15	Illegal possession of alcohol or drugs
possession	218	15	Illegal possession of alcohol or drugs
post	25	27	Highway/traffic sign post/sign
post	144	27	Highway/traffic sign post/sign
post	145	27	Highway/traffic sign post/sign
post	146	27	Highway/traffic sign post/sign
post	147	27	Highway/traffic sign post/sign
post	148	27	Highway/traffic sign post/sign
post	149	27	Highway/traffic sign post/sign
post	152	27	Highway/traffic sign post/sign

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
posted	229	33	Passing where prohibited by posted signs
posted	230	33	Passing where prohibited by posted signs
posted	231	33	Passing where prohibited by posted signs
posted	232	33	Passing where prohibited by posted signs
posted	342	33	Passing where prohibited by posted signs
posted	343	33	Passing where prohibited by posted signs
posted	344	33	Passing where prohibited by posted signs
posted	442	33	Passing where prohibited by posted signs
posted	443	33	Passing where prohibited by posted signs
posted	444	33	Passing where prohibited by posted signs
pothole	25	44	Pavement surface irregularity (pothole,
pothole	144	44	Pavement surface irregularity (pothole,
pothole	145	44	Pavement surface irregularity (pothole,
pothole	146	44	Pavement surface irregularity (pothole,
pothole	147	44	Pavement surface irregularity (pothole,
pothole	148	44	Pavement surface irregularity (pothole,
pothole	149	44	Pavement surface irregularity (pothole,
pothole	152	44	Pavement surface irregularity (pothole,
pound	110	30	Compact pickup (GVWR < 4,500 lbs.)
pound	163	1	10,000 lbs or less
power	142	5	Power train - includes universal-joint,
power	143	5	Power train / engine - includes universa
powered	170	6	(C) Gasoline engine that can be easily c
preliminary	319	2	Preliminary Breath Test (PBT)
preliminary	321	10	Preliminary breath test (PBT)
preliminary	419	2	Preliminary Breath Test (PBT)
preliminary	421	10	Preliminary breath test (PBT)
presence	207	*	DRIVER PRESENCE
pressure	342	57	Improper tire pressure
pressure	343	57	Improper tire pressure
pressure	344	57	Improper tire pressure
pressure	442	57	Improper tire pressure
pressure	443	57	Improper tire pressure
pressure	444	57	Improper tire pressure
previous	50	19	Recent previous crash scene nearby
previous	51	19	Recent previous crash scene nearby
previous	52	19	Recent previous crash scene nearby
previous	219	*	NUMBER OF PREV CRASHES
previous	220	*	NUMBER PREV SUSPENSIONS
previous	221	*	NUMBER OF PREV DWI CONV
previous	222	*	NUM PREV SPEEDING CONV
previous	223	*	NUM PREV OTHER MV CONV
previous	229	9	Impaired due to previous injury
previous	230	9	Impaired due to previous injury
previous	231	9	Impaired due to previous injury
previous	232	9	Impaired due to previous injury
previous	342	14	Impaired due to previous injury
previous	343	14	Impaired due to previous injury
previous	344	14	Impaired due to previous injury
previous	442	14	Impaired due to previous injury
previous	443	14	Impaired due to previous injury
previous	444	14	Impaired due to previous injury
principal	19	1	Principal arterial - interstate
principal	136	*	IMPACT POINT - PRINCIPAL
printers	229	95	Computer / fax machines / printers
printers	230	95	Computer / fax machines / printers
printers	231	95	Computer / fax machines / printers

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
printers	232	95	Computer / fax machines / printers
private	124	2	Driver (in this crash) not registered ow
private	162	2	Used as a private school bus
profile	33	*	ROADWAY PROFILE
prohibited	216	61	Unsafe or prohibited lane change
prohibited	217	61	Unsafe or prohibited lane change
prohibited	218	61	Unsafe or prohibited lane change
prohibited	229	18	Traveling on prohibited trafficways
prohibited	230	18	Traveling on prohibited trafficways
prohibited	231	18	Traveling on prohibited trafficways
prohibited	232	18	Traveling on prohibited trafficways
prohibited	342	33	Passing where prohibited by posted signs
prohibited	343	33	Passing where prohibited by posted signs
prohibited	344	33	Passing where prohibited by posted signs
prohibited	442	33	Passing where prohibited by posted signs
prohibited	443	33	Passing where prohibited by posted signs
prohibited	444	33	Passing where prohibited by posted signs
propane	170	4	(P) Propane
properties	24	5	Other Federal properties
protection	312	*	PROTECTION SYSTEM USE
protection	412	*	NMT PROTECTIONSYSTEM USE
provisions	216	71	Driving while license withdrawn (includi
provisions	217	71	Driving while license withdrawn (includi
provisions	218	71	Driving while license withdrawn (includi
prudent	216	23	Speed greater than reasonable & prudent
prudent	217	23	Speed greater than reasonable & prudent
prudent	218	23	Speed greater than reasonable & prudent
public	162	1	Used as a public school bus
puerto rican	348	2	Puerto Rican
puerto rican	448	2	Puerto Rican
puerto rico	1	43	Puerto Rico
puerto rico	123	43	Puerto Rico
puerto rico	159	43	Puerto Rico
puerto rico	209	43	Puerto Rico
purpose	150	15	Backing up (other than for parking purpo
pursuing	229	37	Police pursuing this driver or police of
pursuing	230	37	Police pursuing this driver or police of
pursuing	231	37	Police pursuing this driver or police of
pursuing	232	37	Police pursuing this driver or police of
pursuit	50	20	Police pursuit involved
pursuit	51	20	Police pursuit involved
pursuit	52	20	Police pursuit involved
pursuit	229	37	Police pursuing this driver or police of
pursuit	230	37	Police pursuing this driver or police of
pursuit	231	37	Police pursuing this driver or police of
pursuit	232	37	Police pursuing this driver or police of
pushed	142	33	Vehicle being pushed by nonmotorist
pushed	143	33	Vehicle being pushed by nonmotorist
pushing	229	22	Towing or pushing improperly
pushing	230	22	Towing or pushing improperly
pushing	231	22	Towing or pushing improperly
pushing	232	22	Towing or pushing improperly
pushing	342	90	Nonmotorist pushing a vehicle
pushing	343	90	Nonmotorist pushing a vehicle
pushing	344	90	Nonmotorist pushing a vehicle
pushing	442	90	Nonmotorist pushing a vehicle
pushing	443	90	Nonmotorist pushing a vehicle

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
pushing	444	90	Nonmotorist pushing a vehicle
race	347	*	RACE
race	447	*	RACE
races	347	97	Multiple races (individuals races not sp
races	447	97	Multiple races (individuals races not sp
racing	216	21	Racing
racing	217	21	Racing
racing	218	21	Racing
radio	229	97	Two-way radio
radio	230	97	Two-way radio
radio	231	97	Two-way radio
radio	232	97	Two-way radio
radioactive	154	7	Radioactive
rage	50	13	Aggressive driving / Road rage by non-co
rage	51	13	Aggressive driving/Road rage by non-cont
rage	52	13	Aggressive driving/Road rage by non-cont
rage	229	8	Aggressive driving / road rage
rage	230	8	Aggressive driving/road rage
rage	231	8	Aggressive driving/road rage
rage	232	8	Aggressive driving/road rage
rail	25	23	Bridge rail
rail	27	6	Rail grade crossing
rail	53	*	RAIL GRADE CROSSING ID
rail	144	23	Bridge rail
rail	145	23	Bridge rail
rail	146	23	Bridge rail
rail	147	23	Bridge rail
rail	148	23	Bridge rail
rail	149	23	Bridge rail
rail	152	23	Bridge rail
railroad	36	72	Other railroad crossing sign
railway	25	10	Railway train
railway	144	10	Railway train
railway	145	10	Railway train
railway	146	10	Railway train
railway	147	10	Railway train
railway	148	10	Railway train
railway	149	10	Railway train
railway	152	10	Railway train
rain	40	2	Rain (mist)
rain	41	2	Rain (mist)
rain	233	1	Rain, snow, fog, smoke, sand, dust
rain	234	1	Rain, snow, fog, smoke, sand, dust
rain	235	1	Rain, snow, fog, smoke, sand, dust
rain	342	60	Rain, snow, fog, smoke, sand, dust
rain	343	60	Rain, snow, fog, smoke, sand, dust
rain	344	60	Rain, snow, fog, smoke, sand, dust
rain	442	60	Rain, snow, fog, smoke, sand, dust
rain	443	60	Rain, snow, fog, smoke, sand, dust
rain	444	60	Rain, snow, fog, smoke, sand, dust
rambler	109	+	Rambler/American
ramp	27	5	Entrance/exit ramp related
ramp	29	6	Entrance / exit ramp
ran	144	63	Ran off road - right
ran	145	63	Ran off road - right
ran	146	63	Ran off road - right
ran	147	63	Ran off road - right

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
ran	148	63	Ran off road - right
ran	149	63	Ran off road - right
rating	163	*	GROSS WEIGHT RATING-GVWR
reaction	229	4	Reaction to or failure to take drugs / m
reaction	230	4	Reaction to or failure to take drugs / m
reaction	231	4	Reaction to or failure to take drugs / m
reaction	232	4	Reaction to or failure to take drugs / m
reading	322	98	Positive reading with no actual value
reading	342	10	Inattentive (talking, eating, reading, e
reading	343	10	Inattentive (talking, eating, reading, e
reading	344	10	Inattentive (talking, eating, reading, e
reading	422	98	Positive reading with no actual value
reading	442	10	Inattentive (talking, eating, reading, e
reading	443	10	Inattentive (talking, eating, reading, e
reading	444	10	Inattentive (talking, eating, reading, e
rear	312	11	Child safety seat - rear facing
rear	342	70	Mirrors (rear view, side mirrors, others
rear	343	70	Mirrors (rear view, side mirrors, others
rear	344	70	Mirrors (rear view, side mirrors, others
rear	412	11	Child safety seat - rear facing
rear	442	70	Mirrors (rear view, side mirrors, others
rear	443	70	Mirrors (rear view, side mirrors, others
rear	444	70	Mirrors (rear view, side mirrors, others
rear-end	26	1	Front-to-rear (includes rear-end)
rear-to-rear	26	10	Rear-to-rear
rear-to-side	26	9	Rear-to-side
reasonable	216	23	Speed greater than reasonable & prudent
reasonable	217	23	Speed greater than reasonable & prudent
reasonable	218	23	Speed greater than reasonable & prudent
recent	50	19	Recent previous crash scene nearby
recent	51	19	Recent previous crash scene nearby
recent	52	19	Recent previous crash scene nearby
reckless	216	2	Willful reckless driving; driving to end
reckless	217	2	Willful reckless driving; driving to end
reckless	218	2	Willful reckless driving; driving to end
reckless	229	36	Operating the vehicle in an erratic, rec
reckless	230	36	Operating the vehicle in an erratic, rec
reckless	231	36	Operating the vehicle in an erratic, rec
reckless	232	36	Operating the vehicle in an erratic, rec
reckless	342	36	Operating the veh in an erratic, reckles
reckless	343	36	Operating the veh in an erratic, reckles
reckless	344	36	Operating the veh in an erratic, reckles
reckless	442	36	Operating the veh in an erratic, reckles
reckless	443	36	Operating the veh in an erratic, reckles
reckless	444	36	Operating the veh in an erratic, reckles
reclined	229	15	Seat back not in normal upright position
reclined	230	15	Seat back not in normal upright position
reclined	231	15	Seat back not in normal upright position
reclined	232	15	Seat back not in normal upright position
reclined	342	88	Seat back not in normal upright position
reclined	343	88	Seat back not in normal upright position
reclined	344	88	Seat back not in normal upright position
reclined	442	88	Seat back not in normal upright position
reclined	443	88	Seat back not in normal upright position
reclined	444	88	Seat back not in normal upright position
recognition	324	2	Drug Recognition Technician (DRT) determ
recognition	424	2	Drug Recognition Technician (DRT) determ

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
reconstructed	142	35	Reconstructed/altered vehicle
reconstructed	143	35	Reconstructed/altered vehicle
record	4	0	No vehicle number for this record type
record	5	*	RECORD TYPE
record	6	0	No person number for this record type
record	105	*	RECORD TYPE
record	106	99	Dummy record - no striking vehicle match
record	164	99	99 No record
record	175	99	99 No record
record	176	99	99 No record
record	177	99	99 No record
record	178	99	99 No record
record	179	99	99 No record
record	180	99	99 No record
record	204	0	Not a valid driver record (i.e., dummy r
record	205	*	RECORD TYPE
record	206	0	No person number for this record type
record	219	98	Crashes not reported on driving record
record	224	0	No record
record	225	0	No record
record	226	0	No record
record	227	0	No record
record	229	89	Driver has a driving record or driver's
record	230	89	Driver has a driving record or driver's
record	231	89	Driver has a driving record or driver's
record	232	89	Driver has a driving record or driver's
record	305	*	RECORD TYPE
record	405	*	RECORD TYPE
recorded	50	22	Speed limit is a statutory limit as reco
recorded	51	22	Speed limit is a statutory limit as reco
recorded	52	22	Speed limit is a statutory limit as reco
red	150	10	Turning right:Right Turn on Red (RTOR)
red	216	31	Fail to stop for red signal
red	217	31	Fail to stop for red signal
red	218	31	Fail to stop for red signal
reflected	233	2	Reflected glare, bright sunlight, headli
reflected	234	2	Reflected glare, bright sunlight, headli
reflected	235	2	Reflected glare, bright sunlight, headli
reflected	342	61	Reflected glare, bright sunlight, headli
reflected	343	61	Reflected glare, bright sunlight, headli
reflected	344	61	Reflected glare, bright sunlight, headli
reflected	442	61	Reflected glare, bright sunlight, headli
reflected	443	61	Reflected glare, bright sunlight, headli
reflected	444	61	Reflected glare, bright sunlight, headli
refusal	216	18	Refusal to submit to chemical test
refusal	217	18	Refusal to submit to chemical test
refusal	218	18	Refusal to submit to chemical test
refuse	132	7	Garbage/refuse
refused	320	1	Test refused
refused	325	1	Test refused
refused	420	1	Test refused
refused	425	1	Test refused
registered	124	*	REGISTERED VEHICLE OWNER
registration	123	*	REGISTRATION STATE
registration	142	32	Vehicle registration for handicapped
registration	143	32	Vehicle registration for handicapped
registration	174	0	Not applicable/registration not required

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
registration	216	74	Vehicle registration violations
registration	217	74	Vehicle registration violations
registration	218	74	Vehicle registration violations
regulation	216	36	Violate RR grade crossing device/regulat
regulation	217	36	Violate RR grade crossing device/regulat
regulation	218	36	Violate RR grade crossing device/regulat
regulatory	36	28	Other regulatory sign
related	27	3	Intersection related
related	36	38	Other school related sign
related	49	*	SCHOOL BUS RELATED
related	50	*	CRASH RELATED FACTORS #1
related	51	*	CRASH RELATED FACTORS #2
related	52	*	CRASH RELATED FACTORS #3
related	142	*	VEH RELATED FACTORS #1
related	143	*	VEH RELATED FACTORS #2
related	153	*	SPEED RELATED
related	216	29	Speed related violations, generally
related	217	29	Speed related violations, generally
related	218	29	Speed related violations, generally
related	229	*	DRIVER RELATED FACTORS#1
related	230	*	DRIVER RELATED FACTORS#2
related	231	*	DRIVER RELATED FACTORS#3
related	232	*	DRIVER RELATED FACTORS#4
related	342	*	OCC RELATED FACTORS #1
related	343	*	OCC RELATED FACTORS #2
related	344	*	OCC RELATED FACTORS #3
related	442	*	NMTR RELATED FACTORS #1
related	443	*	NMTR RELATED FACTORS #2
related	444	*	NMTR RELATED FACTORS #3
relation	27	*	RELATION TO JUNCTION
relation	28	*	RELATION TO TRAFFICWAY
release	158	*	HAZ MATERIAL RELEASE
released	158	2	Hazardous materials released
removal	140	*	VEHICLE REMOVAL
renault	108	46	Renault
rental	124	4	Vehicle registered as rental vehicle
reported	124	5	Vehicle was stolen (reported by police)
reported	128	998	Not reported
reported	141	0	No or not reported
reported	151	0	No avoidance maneuver reported
reported	154	88	Not reported
reported	155	8888	Not reported
reported	156	8	Not reported
reported	157	8	Not reported
reported	158	8	Not reported
reported	208	0	No drinking reported
reported	219	98	Crashes not reported on driving record
reported	312	4	Child safety seat/booster seat - type un
reported	318	8	Not reported
reported	319	9	Not reported
reported	320	9	Unknown if tested / not reported
reported	321	99	Unknown if tested / not reported
reported	322	99	Unknown if tested / not reported
reported	323	8	Not reported
reported	324	8	Not reported
reported	325	9	Unknown if tested / not reported
reported	326	9	Unknown if tested / not reported

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
reported	327	1	No drugs reported / negative
reported	328	9	Unknown if tested / not reported
reported	329	1	No drugs reported / negative
reported	330	9	Unknown if tested / not reported
reported	331	1	No drugs reported / negative
reported	418	8	Not reported
reported	419	9	Not reported
reported	420	9	Unknown if tested / not reported
reported	421	99	Unknown if tested / not reported
reported	422	99	Unknown if tested / not reported
reported	423	8	Not reported
reported	424	8	Not reported
reported	425	9	Unknown if tested / not reported
reported	426	9	Unknown if tested / not reported
reported	427	1	No drugs reported / negative
reported	428	9	Unknown if tested / not reported
reported	429	1	No drugs reported / negative
reported	430	9	Unknown if tested / not reported
reported	431	1	No drugs reported / negative
require	216	83	Failure to require restraint use (by sel
require	217	83	Failure to require restraint use (by sel
require	218	83	Failure to require restraint use (by sel
required	174	0	Not applicable/registration not required
required	213	0	No endorsements required for this vehicl
required	214	1	No license required for this class vehic
required	229	23	Failing to dim lights or to have lights
required	230	23	Failing to dim lights or to have lights
required	231	23	Failing to dim lights or to have lights
required	232	23	Failing to dim lights or to have lights
required	342	23	Failure to dim lights or have lights on
required	343	23	Failure to dim lights or have lights on
required	344	23	Failure to dim lights or have lights on
required	442	23	Failing to dim lights or have lights on
required	443	23	Failing to dim lights or have lights on
required	444	23	Failing to dim lights or have lights on
rescue	110	40	Cab chassis based (includes light stake,
reservation	24	3	American Indian reservation
resident	228	0	Not a resident of U.S. or Territories
response	142	40	Highway incident response vehicle
response	143	40	Highway incident response vehicle
restraint	216	83	Failure to require restraint use (by sel
restraint	217	83	Failure to require restraint use (by sel
restraint	218	83	Failure to require restraint use (by sel
restraint	312	8	Restraint used - type unknown
restraint	412	8	Restraint used - type unknown
restricted	229	7	Restricted to wheelchair
restricted	230	7	Restricted to wheelchair
restricted	231	7	Restricted to wheelchair
restricted	232	7	Restricted to wheelchair
restricted	342	12	Restricted to wheelchair
restricted	343	12	Restricted to wheelchair
restricted	344	12	Restricted to wheelchair
restricted	442	12	Restricted to wheelchair
restricted	443	12	Restricted to wheelchair
restricted	444	12	Restricted to wheelchair
restriction	215	*	LICENSE RESTRICTIONS MET
restriction	229	73	Driver has not complied with learner's p

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
restriction	230	73	Driver has not complied with learner's p
restriction	231	73	Driver has not complied with learner's p
restriction	232	73	Driver has not complied with learner's p
resulting	216	9	Serious violation resulting in death
resulting	217	9	Serious violation resulting in death
resulting	218	9	Serious violation resulting in death
returned	167	0	Value not returned
returned	168	0	Value not returned
returned	169	0	Value not returned
returned	171	0	Value not returned
returned	173	0	Value not returned
revoked	211	2	Revoked
revoked	212	2	Revoked
revoked	229	19	Legally driving on suspended or revoked
revoked	230	19	Legally driving on suspended or revoked
revoked	231	19	Legally driving on suspended or revoked
revoked	232	19	Legally driving on suspended or revoked
rhode island	1	44	Rhode Island
rhode island	123	44	Rhode Island
rhode island	159	44	Rhode Island
rhode island	209	44	Rhode Island
ridden	25	49	Ridden animal or animal-drawn conveyance
ridden	144	49	Ridden animal or animal-drawn conveyance
ridden	145	49	Ridden animal or animal-drawn conveyance
ridden	146	49	Ridden animal or animal-drawn conveyance
ridden	147	49	Ridden animal or animal-drawn conveyance
ridden	148	49	Ridden animal or animal-drawn conveyance
ridden	149	49	Ridden animal or animal-drawn conveyance
ridden	152	49	Ridden animal or animal-drawn conveyance
rider	342	13	Motorized wheelchair rider
rider	343	13	Motorized wheelchair rider
rider	344	13	Motorized wheelchair rider
rider	442	13	Motorized wheelchair rider
rider	443	13	Motorized wheelchair rider
rider	444	13	Motorized wheelchair rider
riding	216	66	Motorcycle lane violations (more than tw
riding	217	66	Motorcycle lane violations (more than tw
riding	218	66	Motorcycle lane violations (more than tw
riding	311	55	Riding on vehicle exterior of vehicle
riding	342	4	Walking/riding with or against traffic,
riding	343	4	Walking/riding with or against traffic,
riding	344	4	Walking/riding with or against traffic,
riding	411	55	Riding on vehicle exterior of vehicle
riding	442	4	Walking/riding with or against traffic,
riding	443	4	Walking/riding with or against traffic,
riding	444	4	Walking/riding with or against traffic,
right	26	5	Angle - front-to-side, right angle (incl
right	144	63	Ran off road - right
right	145	63	Ran off road - right
right	146	63	Ran off road - right
right	147	63	Ran off road - right
right	148	63	Ran off road - right
right	149	63	Ran off road - right
right	150	10	Turning right:Right Turn on Red (RTOR)
right	216	54	Pass on right (drive off pavement to pas
right	217	54	Pass on right (drive off pavement to pas
right	218	54	Pass on right (drive off pavement to pas

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
right	229	47	Making right turn from left-turn lane, m
right	230	47	Making right turn from left-turn lane, m
right	231	47	Making right turn from left-turn lane, m
right	232	47	Making right turn from left-turn lane, m
right	311	13	Front seat - right side
right	342	47	Making right turn from left-turn lane or
right	343	47	Making right turn from left-turn lane or
right	344	47	Making right turn from left-turn lane or
right	411	13	Front seat - right side
right	442	47	Making right turn from left-turn lane or
right	443	47	Making right turn from left-turn lane or
right	444	47	Making right turn from left-turn lane or
right-of-way	28	5	Outside trafficway / outside right-of-way
right-of-way	229	38	Failure to yield right-of-way
right-of-way	230	38	Failure to yield right-of-way
right-of-way	231	38	Failure to yield right-of-way
right-of-way	232	38	Failure to yield right-of-way
right-of-way	342	38	Failure to yield right-of-way
right-of-way	343	38	Failure to yield right-of-way
right-of-way	344	38	Failure to yield right-of-way
right-of-way	442	38	Failure to yield right-of-way
right-of-way	443	38	Failure to yield right-of-way
right-of-way	444	38	Failure to yield right-of-way
right-on-red	216	41	Turn in violation of traffic control (di
right-on-red	217	41	Turn in violation of traffic control (di
right-on-red	218	41	Turn in violation of traffic control (di
right-turn	229	47	Making right turn from left-turn lane, m
right-turn	230	47	Making right turn from left-turn lane, m
right-turn	231	47	Making right turn from left-turn lane, m
right-turn	232	47	Making right turn from left-turn lane, m
right-turn	342	47	Making right turn from left-turn lane or
right-turn	343	47	Making right turn from left-turn lane or
right-turn	344	47	Making right turn from left-turn lane or
right-turn	442	47	Making right turn from left-turn lane or
right-turn	443	47	Making right turn from left-turn lane or
right-turn	444	47	Making right turn from left-turn lane or
road	19	6	Local road or street
road	20	4	County road
road	50	7	Surface washed out (caved in, road slipp
road	51	7	Surface washed out (caved in, road slipp
road	52	7	Surface washed out (caved in, road slipp
road	144	63	Ran off road - right
road	145	63	Ran off road - right
road	146	63	Ran off road - right
road	147	63	Ran off road - right
road	148	63	Ran off road - right
road	149	63	Ran off road - right
road	216	51	Driving wrong way on one-way road
road	217	51	Driving wrong way on one-way road
road	218	51	Driving wrong way on one-way road
road	229	8	Aggressive driving / road rage
road	230	8	Aggressive driving/road rage
road	231	8	Aggressive driving/road rage
road	232	8	Aggressive driving/road rage
road	342	29	Illegal driving on road, shoulder, in di
road	343	29	Illegal driving on road, shoulder, in di
road	344	29	Illegal driving on road, shoulder, in di

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
road	417	15	Nonintersection - on road shoulder
road	442	29	Illegal driving on road, shoulder, in di
road	443	29	Illegal driving on road, shoulder, in di
road	444	29	Illegal driving on road, shoulder, in di
roadside	28	4	Roadside
roadside	126	5	On roadside
roadway	19	*	ROADWAY FUNCTION CLASS
roadway	25	12	Motor vehicle in-transport on same roadw
roadway	28	1	On roadway
roadway	32	*	ROADWAY ALIGNMENT
roadway	33	*	ROADWAY PROFILE
roadway	34	*	ROADWAY SURFACE TYPE
roadway	35	*	ROADWY SURFACE CONDITION
roadway	50	6	Inadequate construction or poor design o
roadway	51	6	Inadequate construction or poor design o
roadway	52	6	Inadequate construction or poor design o
roadway	124	6	Driverless / motor vehicle parked / stop
roadway	126	1	On roadway
roadway	144	12	Motor vehicle in-transport on same roadw
roadway	145	12	Motor vehicle in-transport on same roadw
roadway	146	12	Motor vehicle in-transport on same roadw
roadway	147	12	Motor vehicle in-transport on same roadw
roadway	148	12	Motor vehicle in-transport on same roadw
roadway	149	12	Motor vehicle in-transport on same roadw
roadway	152	12	Motor vehicle in-transport on same roadw
roadway	229	20	Leaving vehicle unattended with engine r
roadway	230	20	Leaving vehicle unattended with engine r
roadway	231	20	Leaving vehicle unattended with engine r
roadway	232	20	Leaving vehicle unattended with engine r
roadway	233	3	Curve, hill or other roadway design feat
roadway	234	3	Curve, hill or other roadway design feat
roadway	235	3	Curve, hill or other roadway design feat
roadway	342	2	Darting, running, or stumbling into road
roadway	343	2	Darting, running, or stumbling into road
roadway	344	2	Darting, running, or stumbling into road
roadway	407	0	Not applicable / occupant of a motor veh
roadway	417	0	Not applicable - occupant of a motor veh
roadway	442	2	Darting, running, or stumbling into road
roadway	443	2	Darting, running, or stumbling into road
roadway	444	2	Darting, running, or stumbling into road
rock	25	36	Embankment - rock, stone or concrete
rock	144	36	Embankment - rock, stone or concrete
rock	145	36	Embankment - rock, stone or concrete
rock	146	36	Embankment - rock, stone or concrete
rock	147	36	Embankment - rock, stone or concrete
rock	148	36	Embankment - rock, stone or concrete
rock	149	36	Embankment - rock, stone or concrete
rock	152	36	Embankment - rock, stone or concrete
role	139	*	VEHICLE ROLE
rollover	25	1	Overturn/rollover
rollover	125	*	ROLLOVER TRIPPED
rollover	126	*	ROLLOVER LOCATION
rollover	144	1	Overturn/rollover
rollover	145	1	Overturn/rollover
rollover	146	1	Overturn/rollover
rollover	147	1	Overturn/rollover
rollover	148	1	Overturn/rollover

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
rollover	149	1	Overturn/rollover
rollover	152	1	Overturn/rollover
romeo	108	31	Alfa Romeo
roof	313	3	Deployed: curtain (roof)
roof	315	6	Through roof opening (sunroof, converti
roof	413	3	Deployed: curtain (roof)
roof	415	6	Through roof opening (sunroof, converti
route	20	*	ROUTE SIGNING
route	216	93	Driving where prohibited (sidewalk, limi
route	217	93	Driving where prohibited (sidewalk, limi
route	218	93	Driving where prohibited (sidewalk, limi
route	334	*	DIED AT SCENE / EN ROUTE
route	434	*	DIED AT SCENE / EN ROUTE
rtor	150	10	Turning right:Right Turn on Red (RTOR)
run	25	47	Vehicle occupant struck or run over by o
run	144	47	Vehicle occupant struck or run over by o
run	145	47	Vehicle occupant struck or run over by o
run	146	47	Vehicle occupant struck or run over by o
run	147	47	Vehicle occupant struck or run over by o
run	148	47	Vehicle occupant struck or run over by o
run	149	47	Vehicle occupant struck or run over by o
run	152	47	Vehicle occupant struck or run over by o
runaway	144	66	Downhill runaway
runaway	145	66	Downhill runaway
runaway	146	66	Downhill runaway
runaway	147	66	Downhill runaway
runaway	148	66	Downhill runaway
runaway	149	66	Downhill runaway
running	229	20	Leaving vehicle unattended with engine r
running	230	20	Leaving vehicle unattended with engine r
running	231	20	Leaving vehicle unattended with engine r
running	232	20	Leaving vehicle unattended with engine r
running	342	2	Darting, running, or stumbling into road
running	343	2	Darting, running, or stumbling into road
running	344	2	Darting, running, or stumbling into road
running	442	2	Darting, running, or stumbling into road
running	443	2	Darting, running, or stumbling into road
running	444	2	Darting, running, or stumbling into road
rural	19	9	Unknown rural
rut	229	82	Ruts, holes, bumps in road
rut	230	82	Ruts, holes, bumps in road
rut	231	82	Ruts, holes, bumps in road
rut	232	82	Ruts, holes, bumps in road
rut	342	78	Ruts, holes, bumps in road
rut	343	78	Ruts, holes, bump in road
rut	344	78	Ruts, holes, bump in road
rut	442	78	Ruts, holes, bump in road
rut	443	78	Ruts, holes, bump in road
rut	444	78	Ruts, holes, bump in road
saab	108	47	Saab
safety	142	19	Safety belts
safety	143	19	Safety belts
safety	229	39	Failure to obey actual traffic signs, tr
safety	230	39	Failure to obey actual traffic signs, tr
safety	231	39	Failure to obey actual traffic signs, tr
safety	232	39	Failure to obey actual traffic signs, tr
safety	312	4	Child safety seat/booster seat - type un

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
safety	342	39	Failure to obey actual traffic sign, tra
safety	343	39	Failure to obey actual traffic sign, tra
safety	344	39	Failure to obey actual traffic sign, tra
safety	412	4	Child safety seat/booster seat - type un
safety	442	39	Failure to obey actual traffic sign, tra
safety	443	39	Failure to obey actual traffic sign, tra
safety	444	39	Failure to obey actual traffic sign, tra
sag	33	4	Sag
saliva	319	8	Other (e.g., Saliva test)
saliva	419	8	Other (e.g., saliva test)
samoan	347	38	Samoan
samoan	447	38	Samoan
sand	35	5	Sand, dirt, mud, gravel
sand	40	7	Blowing sand, soil, dirt
sand	41	7	Blowing sand, soil, dirt
sand	229	87	Ice, snow, slush, water, sand, dirt, oil
sand	230	87	Ice, snow, slush, water, sand, dirt, oil
sand	231	87	Ice, snow, slush, water, sand, dirt, oil
sand	232	87	Ice, snow, slush, water, sand, dirt, oil
sand	233	1	Rain, snow, fog, smoke, sand, dust
sand	234	1	Rain, snow, fog, smoke, sand, dust
sand	235	1	Rain, snow, fog, smoke, sand, dust
sand	342	60	Rain, snow, fog, smoke, sand, dust
sand	343	60	Rain, snow, fog, smoke, sand, dust
sand	344	60	Rain, snow, fog, smoke, sand, dust
sand	442	60	Rain, snow, fog, smoke, sand, dust
sand	443	60	Rain, snow, fog, smoke, sand, dust
sand	444	60	Rain, snow, fog, smoke, sand, dust
saturday	57	7	Saturday
saturn	108	24	Saturn
scene	45	99	Unknown EMS scene arrival time
scene	46	99	Unknown EMS scene arrival time
scene	50	19	Recent previous crash scene nearby
scene	51	19	Recent previous crash scene nearby
scene	52	19	Recent previous crash scene nearby
scene	140	4	Abandoned / left at scene
scene	142	41	Police, fire, or EMS vehicle working at
scene	143	41	Police, fire, or EMS vehicle working at
scene	217	8	Fail to give aid, info., wait for police
scene	218	8	Fail to give aid, info., wait for police
scene	334	*	DIED AT SCENE / EN ROUTE
scene	342	56	Nondriver flees scene
scene	343	56	Nondriver flees scene
scene	344	56	Nondriver flees scene
scene	434	*	DIED AT SCENE / EN ROUTE
scene	442	56	Nondriver flees scene
scene	443	56	Nondriver flees scene
scene	444	56	Nondriver flees scene
scheduled	162	4	Used as a scheduled service bus
school	36	30	School speed limit sign
school	49	*	SCHOOL BUS RELATED
school	50	21	Within designated school zone
school	51	21	Within designated school zone
school	52	21	Within designated school zone
school	110	50	School bus
school	133	2	Vehicle used as school bus
school	162	1	Used as a public school bus

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
school	216	24	Exceeding special speed limit (e.g.: for
school	217	24	Exceeding special speed limit (e.g.: for
school	218	24	Exceeding special speed limit (e.g.: for
school	229	33	Passing where prohibited by posted signs
school	230	33	Passing where prohibited by posted signs
school	231	33	Passing where prohibited by posted signs
school	232	33	Passing where prohibited by posted signs
school	342	33	Passing where prohibited by posted signs
school	343	33	Passing where prohibited by posted signs
school	344	33	Passing where prohibited by posted signs
school	442	33	Passing where prohibited by posted signs
school	443	33	Passing where prohibited by posted signs
school	444	33	Passing where prohibited by posted signs
seat	130	20	Bus (seats for 9-15 people, including dr
seat	132	22	Bus (seats 9 or more persons, including
seat	229	15	Seat back not in normal upright position
seat	230	15	Seat back not in normal upright position
seat	231	15	Seat back not in normal upright position
seat	232	15	Seat back not in normal upright position
seat	311	11	Front seat - left side (driver's side)
seat	312	4	Child safety seat/booster seat - type un
seat	342	88	Seat back not in normal upright position
seat	343	88	Seat back not in normal upright position
seat	344	88	Seat back not in normal upright position
seat	411	11	Front seat - left side (driver's side)
seat	412	4	Child safety seat/booster seat - type un
seat	442	88	Seat back not in normal upright position
seat	443	88	Seat back not in normal upright position
seat	444	88	Seat back not in normal upright position
seatback	313	2	Deployed: side (door, seatback)
seatback	413	2	Deployed: side (door, seatback)
seating	142	13	Driver seating and control
seating	143	13	Driver seating and control
seating	311	*	OCC SEATING POSITION
seating	411	*	NMT SEATING POSITION
second	311	21	Second seat - left side
second	411	21	Second seat - left side
section	18	0	This section is not on the NHS
section	311	50	Sleeper section of cab (truck)
section	411	50	Sleeper section of cab (truck)
sedan	110	2	2-door sedan, hardtop, coupe
self	216	83	Failure to require restraint use (by sel
self	217	83	Failure to require restraint use (by sel
self	218	83	Failure to require restraint use (by sel
semi-trailer	130	6	Tractor/semi-trailer (1 trailer)
sensor	319	4	Passive Alcohol Sensor (PAS)
sensor	419	4	Passive Alcohol Sensor (PAS)
separation	144	62	Separation of units
separation	145	62	Separation of units
separation	146	62	Separation of units
separation	147	62	Separation of units
separation	148	62	Separation of units
separation	149	62	Separation of units
separator	28	10	Separator
separator	126	3	On median / separator
september	9	9	September
september	224	9	September

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
september	226	9	September
september	335	9	September
september	435	9	September
sequence	3	*	SEQUENCE NUMBER
sequence	103	*	SEQUENCE NUMBER
sequence	203	*	SEQUENCE NUMBER
sequence	303	*	SEQUENCE NUMBER
sequence	403	*	SEQUENCE NUMBER
series	172	*	VIN TRUCK SERIES
serious	216	9	Serious violation resulting in death
serious	217	9	Serious violation resulting in death
serious	218	9	Serious violation resulting in death
serum	321	5	Blood plasma/serum
serum	421	5	Blood plasma/serum
service	24	1	National Park Service
service	162	4	Used as a scheduled service bus
services	133	8	Emergency services vehicle
services	342	86	Emergency services personnel
services	343	86	Emergency services personnel
services	344	86	Emergency services personnel
services	442	86	Emergency services personnel
services	443	86	Emergency services personnel
services	444	86	Emergency services personnel
set	135	18	This vehicle set something in motion cau
set	136	18	This vehicle set something in motion cau
set-in-motion	25	54	Motor vehicle in-transport strikes or is
set-in-motion	50	14	Motor vehicle struck by falling cargo, o
set-in-motion	51	14	Motor vehicle struck by falling cargo, o
set-in-motion	52	14	Motor vehicle struck by falling cargo, o
set-in-motion	144	54	Motor vehicle in-transport strikes or is
set-in-motion	145	54	Motor vehicle in-transport strikes or is
set-in-motion	146	54	Motor vehicle in-transport strikes or is
set-in-motion	147	54	Motor vehicle in-transport strikes or is
set-in-motion	148	54	Motor vehicle in-transport strikes or is
set-in-motion	149	54	Motor vehicle in-transport strikes or is
set-in-motion	152	54	Motor vehicle in-transport strikes or is
severe	40	6	Severe crosswinds
severe	41	6	Severe crosswinds
severe	229	77	Severe crosswind
severe	230	77	Severe crosswind
severe	231	77	Severe crosswind
severe	232	77	Severe crosswind
severe	342	73	Severe crosswind
severe	343	73	Severe crosswind
severe	344	73	Severe crosswind
severe	442	73	Severe crosswind
severe	443	73	Severe crosswind
severe	444	73	Severe crosswind
severity	332	*	OCCUPANT INJURY SEVERITY
severity	432	*	NMTR INJURY SEVERITY
sex	309	*	OCCUPANT SEX
sex	409	*	NONMOTORIST SEX
shift	25	6	Injured in vehicle (other than cargo/equ
shift	144	6	Injured in vehicle (other than cargo/equ
shift	145	6	Injured in vehicle (other than cargo/equ
shift	146	6	Injured in vehicle (other than cargo/equ
shift	147	6	Injured in vehicle (other than cargo/equ

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
shift	148	6	Injured in vehicle (other than cargo/equ
shift	149	6	Injured in vehicle (other than cargo/equ
shift	152	6	Injured in vehicle (other than cargo/equ
shock-absorber	142	4	Suspension - includes springs, shock-abs
shock-absorber	143	4	Suspension - includes springs, shock-abs
short	168	*	VIN AUTO WHEELBASE SHORT
shoulder	28	2	Shoulder
shoulder	50	2	Shoulder design or condition
shoulder	51	2	Shoulder design or condition
shoulder	52	2	Shoulder design or condition
shoulder	126	2	On shoulder
shoulder	229	29	Illegal driving on road shoulder, in dit
shoulder	230	29	Illegal driving on road shoulder, in dit
shoulder	231	29	Illegal driving on road shoulder, in dit
shoulder	232	29	Illegal driving on road shoulder, in dit
shoulder	312	1	Shoulder belt
shoulder	342	29	Illegal driving on road, shoulder, in di
shoulder	343	29	Illegal driving on road, shoulder, in di
shoulder	344	29	Illegal driving on road, shoulder, in di
shoulder	412	1	Shoulder belt
shoulder	417	15	Nonintersection - on road shoulder
shoulder	442	29	Illegal driving on road, shoulder, in di
shoulder	443	29	Illegal driving on road, shoulder, in di
shoulder	444	29	Illegal driving on road, shoulder, in di
shrubby	25	41	Shrubby
shrubby	144	41	Shrubby
shrubby	145	41	Shrubby
shrubby	146	41	Shrubby
shrubby	147	41	Shrubby
shrubby	148	41	Shrubby
shrubby	149	41	Shrubby
shrubby	152	41	Shrubby
shuttle	162	7	Used as a shuttle bus
side	110	12	Large limousine - more than four side do
side	216	52	Driving on left, wrong side of road, gen
side	217	52	Driving on left, wrong side of road, gen
side	218	52	Driving on left, wrong side of road, gen
side	229	34	Passing on wrong side
side	230	34	Passing on wrong side
side	231	34	Passing on wrong side
side	232	34	Passing on wrong side
side	311	11	Front seat - left side (driver's side)
side	313	2	Deployed: side (door, seatback)
side	315	1	Through side door opening
side	342	34	Passing on wrong side
side	343	34	Passing on wrong side
side	344	34	Passing on wrong side
side	411	11	Front seat - left side (driver's side)
side	413	2	Deployed: side (door, seatback)
side	415	1	Through side door opening
side	442	34	Passing on wrong side
side	443	34	Passing on wrong side
side	444	34	Passing on wrong side
sideswipe	26	7	Sideswipe - same direction
sidewalk	216	93	Driving where prohibited (sidewalk, limi
sidewalk	217	93	Driving where prohibited (sidewalk, limi
sidewalk	218	93	Driving where prohibited (sidewalk, limi

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
sidewalk	229	29	Illegal driving on road shoulder, in dit
sidewalk	230	29	Illegal driving on road shoulder, in dit
sidewalk	231	29	Illegal driving on road shoulder, in dit
sidewalk	232	29	Illegal driving on road shoulder, in dit
sidewalk	342	29	Illegal driving on road, shoulder, in di
sidewalk	343	29	Illegal driving on road, shoulder, in di
sidewalk	344	29	Illegal driving on road, shoulder, in di
sidewalk	442	29	Illegal driving on road, shoulder, in di
sidewalk	443	29	Illegal driving on road, shoulder, in di
sidewalk	444	29	Illegal driving on road, shoulder, in di
sign	25	27	Highway/traffic sign post/sign
sign	36	20	Stop sign
sign	144	27	Highway/traffic sign post/sign
sign	145	27	Highway/traffic sign post/sign
sign	146	27	Highway/traffic sign post/sign
sign	147	27	Highway/traffic sign post/sign
sign	148	27	Highway/traffic sign post/sign
sign	149	27	Highway/traffic sign post/sign
sign	152	27	Highway/traffic sign post/sign
sign	216	37	Fail to obey stop sign
sign	217	37	Fail to obey stop sign
sign	218	37	Fail to obey stop sign
sign	229	33	Passing where prohibited by posted signs
sign	230	33	Passing where prohibited by posted signs
sign	231	33	Passing where prohibited by posted signs
sign	232	33	Passing where prohibited by posted signs
sign	342	33	Passing where prohibited by posted signs
sign	343	33	Passing where prohibited by posted signs
sign	344	33	Passing where prohibited by posted signs
sign	442	33	Passing where prohibited by posted signs
sign	443	33	Passing where prohibited by posted signs
sign	444	33	Passing where prohibited by posted signs
signal	25	46	Traffic signal support/signal
signal	36	1	Traffic control signal (on colors) witho
signal	142	8	Signal lights
signal	143	8	Signal lights
signal	144	46	Traffic signal support/signal
signal	145	46	Traffic signal support/signal
signal	146	46	Traffic signal support/signal
signal	147	46	Traffic signal support/signal
signal	148	46	Traffic signal support/signal
signal	149	46	Traffic signal support/signal
signal	152	46	Traffic signal support/signal
signal	216	31	Fail to stop for red signal
signal	217	31	Fail to stop for red signal
signal	218	31	Fail to stop for red signal
signal	229	42	Failure to signal intentions
signal	230	42	Failure to signal intentions
signal	231	42	Failure to signal intentions
signal	232	42	Failure to signal intentions
signal	342	42	Failure to signal intentions
signal	343	42	Failure to signal intentions
signal	344	42	Failure to signal intentions
signal	442	42	Failure to signal intentions
signal	443	42	Failure to signal intentions
signal	444	42	Failure to signal intentions
signaling	216	49	Turn, yield, signaling violations, gener

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
signaling	217	49	Turn, yield, signaling violations, gener
signaling	218	49	Turn, yield, signaling violations, gener
signing	20	*	ROUTE SIGNING
single	110	61	Single unit straight truck (10,000 lbs <
single	130	1	Single Unit Truck (SUT): 2 axles, 6 tire
sitting	342	4	Walking/riding with or against traffic,
sitting	343	4	Walking/riding with or against traffic,
sitting	344	4	Walking/riding with or against traffic,
sitting	442	4	Walking/riding with or against traffic,
sitting	443	4	Walking/riding with or against traffic,
sitting	444	4	Walking/riding with or against traffic,
size	216	86	Size, weight, load violations
size	217	86	Size, weight, load violations
size	218	86	Size, weight, load violations
skid	151	1	Braking (skid marks evident)
slag	34	4	Slag, gravel or stone
sleeper	311	50	Sleeper section of cab (truck)
sleeper	411	50	Sleeper section of cab (truck)
sleepy	229	1	Drowsy, sleepy, asleep, fatigued
sleepy	230	1	Drowsy, sleepy, asleep, fatigued
sleepy	231	1	Drowsy, sleepy, asleep, fatigued
sleepy	232	1	Drowsy, sleepy, asleep, fatigued
sleet	40	3	Sleet (hail)
sleet	41	3	Sleet (hail)
slide-in	110	32	Pickup with slide-in camper
slippage	50	7	Surface washed out (caved in, road slipp
slippage	51	7	Surface washed out (caved in, road slipp
slippage	52	7	Surface washed out (caved in, road slipp
slippery	229	79	Slippery or loose surface
slippery	230	79	Slippery or loose surface
slippery	231	79	Slippery or loose surface
slippery	232	79	Slippery or loose surface
slippery	342	75	Slippery or loose surface
slippery	343	75	Slippery or loose surface
slippery	344	75	Slippery or loose surface
slippery	442	75	Slippery or loose surface
slippery	443	75	Slippery or loose surface
slippery	444	75	Slippery or loose surface
slow	216	63	Certain traffic to use right lane (truck
slow	217	63	Certain traffic to use right lane (truck
slow	218	63	Certain traffic to use right lane (truck
slowing	150	2	Slowing or stopping in traffic lane
slowly	216	26	Driving too slowly
slowly	217	26	Driving too slowly
slowly	218	26	Driving too slowly
slush	35	3	Snow or slush
slush	229	87	Ice, snow, slush, water, sand, dirt, oil
slush	230	87	Ice, snow, slush, water, sand, dirt, oil
slush	231	87	Ice, snow, slush, water, sand, dirt, oil
slush	232	87	Ice, snow, slush, water, sand, dirt, oil
slush	342	83	Ice, snow, slush, water, sand, dirt, oil
slush	343	83	Ice, snow, slush, water, sand, dirt, oil
slush	344	83	Ice, snow, slush, water, sand, dirt, oil
slush	442	83	Ice, snow, slush, water, sand, dirt, oil
slush	443	83	Ice, snow, slush, water, sand, dirt, oil
slush	444	83	Ice, snow, slush, water, sand, dirt, oil
smart	108	65	Smart

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
smog	40	5	Fog, smog, smoke
smog	41	5	Fog, smog, smoke
smoke	40	5	Fog, smog, smoke
smoke	41	5	Fog, smog, smoke
smoke	233	1	Rain, snow, fog, smoke, sand, dust
smoke	234	1	Rain, snow, fog, smoke, sand, dust
smoke	235	1	Rain, snow, fog, smoke, sand, dust
smoke	342	60	Rain, snow, fog, smoke, sand, dust
smoke	343	60	Rain, snow, fog, smoke, sand, dust
smoke	344	60	Rain, snow, fog, smoke, sand, dust
smoke	442	60	Rain, snow, fog, smoke, sand, dust
smoke	443	60	Rain, snow, fog, smoke, sand, dust
smoke	444	60	Rain, snow, fog, smoke, sand, dust
snow	25	48	Snow bank
snow	35	3	Snow or slush
snow	40	4	Snow or blowing snow
snow	41	4	Snow or blowing snow
snow	144	48	Snow bank
snow	145	48	Snow bank
snow	146	48	Snow bank
snow	147	48	Snow bank
snow	148	48	Snow bank
snow	149	48	Snow bank
snow	152	48	Snow bank
snow	229	87	Ice, snow, slush, water, sand, dirt, oil
snow	230	87	Ice, snow, slush, water, sand, dirt, oil
snow	231	87	Ice, snow, slush, water, sand, dirt, oil
snow	232	87	Ice, snow, slush, water, sand, dirt, oil
snow	233	1	Rain, snow, fog, smoke, sand, dust
snow	234	1	Rain, snow, fog, smoke, sand, dust
snow	235	1	Rain, snow, fog, smoke, sand, dust
snow	342	60	Rain, snow, fog, smoke, sand, dust
snow	343	60	Rain, snow, fog, smoke, sand, dust
snow	344	60	Rain, snow, fog, smoke, sand, dust
snow	442	60	Rain, snow, fog, smoke, sand, dust
snow	443	60	Rain, snow, fog, smoke, sand, dust
snow	444	60	Rain, snow, fog, smoke, sand, dust
snowmobile	110	91	Snowmobile
soil	40	7	Blowing sand, soil, dirt
soil	41	7	Blowing sand, soil, dirt
solid	154	4	Flammable solid, spontaneously combustib
source	333	4	Yes, Transported by unknown source
source	433	4	Yes, Transported by unknown source
south	347	19	Other Indian (includes South and Central
south	447	19	Other Indian (includes South and Central
south carolina	1	45	South Carolina
south carolina	123	45	South Carolina
south carolina	159	45	South Carolina
south carolina	209	45	South Carolina
south dakota	1	46	South Dakota
south dakota	123	46	South Dakota
south dakota	159	46	South Dakota
south dakota	209	46	South Dakota
space	216	48	Enter intersection when space insufficie
space	217	48	Enter intersection when space insufficie
space	218	48	Enter intersection when space insufficie
special	24	*	SPECIAL JURISDICTION

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
special	36	73	Special warning device - watchman, flagg
special	133	*	SPECIAL USE
special	216	24	Exceeding special speed limit (e.g.: for
special	217	24	Exceeding special speed limit (e.g.: for
special	218	24	Exceeding special speed limit (e.g.: for
specific	347	78	Asian or Pacific Islander, no specific (
specific	447	78	Asian or Pacific Islander, no specific (
specified	26	6	Angle - front-to-side / angle - directio
specified	347	97	Multiple races (individuals races not sp
specified	447	97	Multiple races (individuals races not sp
speed	31	*	SPEED LIMIT
speed	36	30	School speed limit sign
speed	50	22	Speed limit is a statutory limit as reco
speed	51	22	Speed limit is a statutory limit as reco
speed	52	22	Speed limit is a statutory limit as reco
speed	128	*	TRAVEL SPEED
speed	153	*	SPEED RELATED
speed	216	22	Speeding (above the speed limit)
speed	217	22	Speeding (above the Speed Limit)
speed	218	22	Speeding (above the Speed Limit)
speed	222	0	0 speed convictions
speed	229	36	Operating the vehicle in an erratic, rec
speed	230	36	Operating the vehicle in an erratic, rec
speed	231	36	Operating the vehicle in an erratic, rec
speed	232	36	Operating the vehicle in an erratic, rec
speed	342	36	Operating the veh in an erratic, reckles
speed	343	36	Operating the veh in an erratic, reckles
speed	344	36	Operating the veh in an erratic, reckles
speed	442	36	Operating the veh in an erratic, reckles
speed	443	36	Operating the veh in an erratic, reckles
speed	444	36	Operating the veh in an erratic, reckles
speeding	216	22	Speeding (above the speed limit)
speeding	217	22	Speeding (above the Speed Limit)
speeding	218	22	Speeding (above the Speed Limit)
speeding	222	*	NUM PREV SPEEDING CONV
splash	233	8	Splash or spray of passing vehicle
splash	234	8	Splash or spray of passing vehicle
splash	235	8	Splash or spray of passing vehicle
splash	342	67	Splash or spray of passing vehicle
splash	343	67	Splash or spray of passing vehicle
splash	344	67	Splash or spray of passing vehicle
splash	442	67	Splash or spray of passing vehicle
splash	443	67	Splash or spray of passing vehicle
splash	444	67	Splash or spray of passing vehicle
spontaneously	154	4	Flammable solid, spontaneously combustib
sport	130	70	Light truck (van, minivan, panel, pickup
spray	233	8	Splash or spray of passing vehicle
spray	234	8	Splash or spray of passing vehicle
spray	235	8	Splash or spray of passing vehicle
spray	342	67	Splash or spray of passing vehicle
spray	343	67	Splash or spray of passing vehicle
spray	344	67	Splash or spray of passing vehicle
spray	442	67	Splash or spray of passing vehicle
spray	443	67	Splash or spray of passing vehicle
spray	444	67	Splash or spray of passing vehicle
spring	142	4	Suspension - includes springs, shock-abs
spring	143	4	Suspension - includes springs, shock-abs

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
stake	110	40	Cab chassis based (includes light stake,
stalled	50	23	Indication of a stalled/disabled vehicle
stalled	51	23	Indication of a stalled/disabled vehicle
stalled	52	23	Indication of a stalled/disabled vehicle
standard	110	31	Standard pickup (GVWR 4,500 to 10,000 lb
standing	25	42	Tree (standing tree only)
standing	35	6	Water (standing or moving)
standing	144	42	Tree (standing tree only)
standing	145	42	Tree (standing tree only)
standing	146	42	Tree (standing tree only)
standing	147	42	Tree (standing tree only)
standing	148	42	Tree (standing tree only)
standing	149	42	Tree (standing tree only)
standing	152	42	Tree (standing tree only)
standing	342	4	Walking/riding with or against traffic,
standing	343	4	Walking/riding with or against traffic,
standing	344	4	Walking/riding with or against traffic,
standing	442	4	Walking/riding with or against traffic,
standing	443	4	Walking/riding with or against traffic,
standing	444	4	Walking/riding with or against traffic,
starting	150	3	Starting in traffic lane
starting	229	31	Starting or backing improperly
starting	230	31	Starting or backing improperly
starting	231	31	Starting or backing improperly
starting	232	31	Starting or backing improperly
state	1	*	CASE STATE
state	20	3	State highway
state	24	8	Other (includes state parks)
state	101	*	CASE STATE
state	123	*	REGISTRATION STATE
state	159	*	MOTOR CARRIER STATE
state	201	*	CASE STATE
state	209	*	DRIVER'S LICENSE STATE
state	229	89	Driver has a driving record or driver's
state	230	89	Driver has a driving record or driver's
state	231	89	Driver has a driving record or driver's
state	232	89	Driver has a driving record or driver's
state	301	*	CASE STATE
state	401	*	CASE STATE
station	110	6	Station wagon (excluding van and truck b
status	211	*	NON-CDL LICENSE STATUS
status	212	*	CDL LICENSE STATUS
status	320	*	ALCOHOL TEST STATUS
status	325	*	DRUG TEST STATUS
status	420	*	ALCOHOL TEST STATUS
status	425	*	DRUG TEST STATUS
statutory	31	0	No statutory limit
statutory	50	22	Speed limit is a statutory limit as reco
statutory	51	22	Speed limit is a statutory limit as reco
statutory	52	22	Speed limit is a statutory limit as reco
steering	142	3	Steering system - includes tie-rod, king
steering	143	3	Steering system - includes tie-rod, king
steering	151	4	Steering (evidence or stated)
step	110	60	Step van
step-van	110	22	Step-van or walk-in van
sterling	108	61	Sterling
stolen	124	5	Vehicle was stolen (reported by police)

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
stone	25	36	Embankment - rock, stone or concrete
stone	34	4	Slag, gravel or stone
stone	144	36	Embankment - rock, stone or concrete
stone	145	36	Embankment - rock, stone or concrete
stone	146	36	Embankment - rock, stone or concrete
stone	147	36	Embankment - rock, stone or concrete
stone	148	36	Embankment - rock, stone or concrete
stone	149	36	Embankment - rock, stone or concrete
stone	152	36	Embankment - rock, stone or concrete
stopped	25	14	Parked motor vehicle or motor vehicle st
stopped	124	6	Driverless / motor vehicle parked / stop
stopped	128	0	Stopped motor vehicle in-transport
stopped	144	14	Parked motor vehicle or motor vehicle st
stopped	145	14	Parked motor vehicle or motor vehicle st
stopped	146	14	Parked motor vehicle or motor vehicle st
stopped	147	14	Parked motor vehicle or motor vehicle st
stopped	148	14	Parked motor vehicle or motor vehicle st
stopped	149	14	Parked motor vehicle or motor vehicle st
stopped	150	4	Stopped in traffic lane
stopped	152	14	Parked motor vehicle or motor vehicle st
stopped	216	55	Pass stopped school bus
stopped	217	55	Pass stopped school bus
stopped	218	55	Pass stopped school bus
stopped	229	54	Stopped in roadway (vehicle not abandone
stopped	230	54	Stopped in roadway (vehicle not abandone
stopped	231	54	Stopped in roadway (vehicle not abandone
stopped	232	54	Stopped in roadway (vehicle not abandone
stopped	342	53	Stopped in roadway (vehicle not abandone
stopped	343	53	Stopped in roadway (vehicle not abandone
stopped	344	53	Stopped in roadway (vehicle not abandone
stopped	407	0	Not applicable / occupant of a motor veh
stopped	417	0	Not applicable - occupant of a motor veh
stopped	442	53	Stopped in roadway (vehicle not abandone
stopped	443	53	Stopped in roadway (vehicle not abandone
stopped	444	53	Stopped in roadway (vehicle not abandone
stopping	150	2	Slowing or stopping in traffic lane
straight	32	1	Straight
straight	110	61	Single unit straight truck (10,000 lbs <
straight	150	1	Going straight
street	19	6	Local road or street
street	110	97	Other vehicle type (includes go-cart, fo
stretch	110	12	Large limousine - more than four side do
stretched	110	45	Other light conventional truck type (inc
strikes	25	54	Motor vehicle in-transport strikes or is
strikes	144	54	Motor vehicle in-transport strikes or is
strikes	145	54	Motor vehicle in-transport strikes or is
strikes	146	54	Motor vehicle in-transport strikes or is
strikes	147	54	Motor vehicle in-transport strikes or is
strikes	148	54	Motor vehicle in-transport strikes or is
strikes	149	54	Motor vehicle in-transport strikes or is
strikes	152	54	Motor vehicle in-transport strikes or is
striking	106	99	Dummy record - no striking vehicle match
striking	139	1	Striking
striking	407	*	STRIKING VEHICLE NUMBER
strip	29	2	Divided highway, median strip (without t
struck	25	47	Vehicle occupant struck or run over by o
struck	50	14	Motor vehicle struck by falling cargo, o

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
struck	51	14	Motor vehicle struck by falling cargo, o
struck	52	14	Motor vehicle struck by falling cargo, o
struck	139	2	Struck
struck	144	47	Vehicle occupant struck or run over by o
struck	145	47	Vehicle occupant struck or run over by o
struck	146	47	Vehicle occupant struck or run over by o
struck	147	47	Vehicle occupant struck or run over by o
struck	148	47	Vehicle occupant struck or run over by o
struck	149	47	Vehicle occupant struck or run over by o
struck	152	47	Vehicle occupant struck or run over by o
structure	25	50	Bridge overhead structure
structure	144	50	Bridge overhead structure
structure	145	50	Bridge overhead structure
structure	146	50	Bridge overhead structure
structure	147	50	Bridge overhead structure
structure	148	50	Bridge overhead structure
structure	149	50	Bridge overhead structure
structure	152	50	Bridge overhead structure
structure	233	4	Building, billboard, other structure
structure	234	4	Building, billboard, other structure
structure	235	4	Building, billboard, other structure
structure	342	63	Building, billboard, other structure
structure	343	63	Building, billboard, other structure
structure	344	63	Building, billboard, other structure
structure	442	63	Building, billboard, other structure
structure	443	63	Building, billboard, other structure
structure	444	63	Building, billboard, other structure
stumbling	342	2	Darting, running, or stumbling into road
stumbling	343	2	Darting, running, or stumbling into road
stumbling	344	2	Darting, running, or stumbling into road
stumbling	442	2	Darting, running, or stumbling into road
stumbling	443	2	Darting, running, or stumbling into road
stumbling	444	2	Darting, running, or stumbling into road
style	110	39	Unknown (pickup style) light conventiona
subaru	108	48	Subaru
submit	216	18	Refusal to submit to chemical test
submit	217	18	Refusal to submit to chemical test
submit	218	18	Refusal to submit to chemical test
subsequent	127	3	Yes, subsequent event
substance	216	13	Driving under influence of substance not
substance	217	13	Driving under influence of substance not
substance	218	13	Driving under influence of substance not
suburban	110	16	Utility station wagon (includes suburban
suddenly	229	36	Operating the vehicle in an erratic, rec
suddenly	230	36	Operating the vehicle in an erratic, rec
suddenly	231	36	Operating the vehicle in an erratic, rec
suddenly	232	36	Operating the vehicle in an erratic, rec
suddenly	342	36	Operating the veh in an erratic, reckles
suddenly	343	36	Operating the veh in an erratic, reckles
suddenly	344	36	Operating the veh in an erratic, reckles
suddenly	442	36	Operating the veh in an erratic, reckles
suddenly	443	36	Operating the veh in an erratic, reckles
suddenly	444	36	Operating the veh in an erratic, reckles
sunday	57	1	Sunday
sunlight	233	2	Reflected glare, bright sunlight, headli
sunlight	234	2	Reflected glare, bright sunlight, headli
sunlight	235	2	Reflected glare, bright sunlight, headli

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
sunlight	342	61	Reflected glare, bright sunlight, headli
sunlight	343	61	Reflected glare, bright sunlight, headli
sunlight	344	61	Reflected glare, bright sunlight, headli
sunlight	442	61	Reflected glare, bright sunlight, headli
sunlight	443	61	Reflected glare, bright sunlight, headli
sunlight	444	61	Reflected glare, bright sunlight, headli
sunroof	110	1	Convertible (excludes sunroof, t-bar)
sunroof	315	6	Through roof opening (sunroof, converti
sunroof	415	6	Through roof opening (sunroof, converti
super	110	67	Medium / heavy pickup (Ford Super Duty 4
support	25	28	Overhead sign support/sign
support	144	28	Overhead sign support/sign
support	145	28	Overhead sign support/sign
support	146	28	Overhead sign support/sign
support	147	28	Overhead sign support/sign
support	148	28	Overhead sign support/sign
support	149	28	Overhead sign support/sign
support	152	28	Overhead sign support/sign
surface	25	44	Pavement surface irregularity (pothole,
surface	34	*	ROADWAY SURFACE TYPE
surface	35	*	ROADWY SURFACE CONDITION
surface	50	5	Surface under water
surface	51	5	Surface under water
surface	52	5	Surface under water
surface	144	44	Pavement surface irregularity (pothole,
surface	145	44	Pavement surface irregularity (pothole,
surface	146	44	Pavement surface irregularity (pothole,
surface	147	44	Pavement surface irregularity (pothole,
surface	148	44	Pavement surface irregularity (pothole,
surface	149	44	Pavement surface irregularity (pothole,
surface	152	44	Pavement surface irregularity (pothole,
surface	229	79	Slippery or loose surface
surface	230	79	Slippery or loose surface
surface	231	79	Slippery or loose surface
surface	232	79	Slippery or loose surface
surface	342	75	Slippery or loose surface
surface	343	75	Slippery or loose surface
surface	344	75	Slippery or loose surface
surface	442	75	Slippery or loose surface
surface	443	75	Slippery or loose surface
surface	444	75	Slippery or loose surface
suspended	211	1	Suspended
suspended	212	1	Suspended
suspended	229	19	Legally driving on suspended or revoked
suspended	230	19	Legally driving on suspended or revoked
suspended	231	19	Legally driving on suspended or revoked
suspended	232	19	Legally driving on suspended or revoked
suspension	142	4	Suspension - includes springs, shock-abs
suspension	143	4	Suspension - includes springs, shock-abs
suspension	220	*	NUMBER PREV SUSPENSIONS
sustained	141	1	Yes (this vehicle sustained fire damage)
sut	130	1	Single Unit Truck (SUT): 2 axles, 6 tire
suzuki	108	53	Suzuki
swamp	110	97	Other vehicle type (includes go-cart, fo
swaying	229	88	Trailer fishtailing or swaying
swaying	230	88	Trailer fishtailing or swaying
swaying	231	88	Trailer fishtailing or swaying

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
swaying	232	88	Trailer fishtailing or swaying
sweeper	110	97	Other vehicle type (includes go-cart, fo
switched	313	28	Switched off
switched	413	28	Switched off
system	18	*	NATIONAL HIGHWAY SYSTEM
system	142	2	Brake system
system	143	2	Brake system
system	229	96	Onboard navigation system
system	230	96	Onboard navigation system
system	231	96	Onboard navigation system
system	232	96	Onboard navigation system
system	233	9	Inadequate defrost or defog system
system	234	9	Inadequate defrost or defog system
system	235	9	Inadequate defrost or defog system
system	312	*	PROTECTION SYSTEM USE
system	342	68	Inadequate lighting system
system	343	68	Inadequate lighting system
system	344	68	Inadequate lighting system
system	442	68	Inadequate lighting system
system	443	68	Inadequate lighting system
system	444	68	Inadequate lighting system
tailgate	315	5	Through back door/tailgate opening
tailgate	415	5	Through back door/tailgate opening
talking	342	10	Inattentive (talking, eating, reading, e
talking	343	10	Inattentive (talking, eating, reading, e
talking	344	10	Inattentive (talking, eating, reading, e
talking	442	10	Inattentive (talking, eating, reading, e
talking	443	10	Inattentive (talking, eating, reading, e
talking	444	10	Inattentive (talking, eating, reading, e
tank	132	2	Cargo tank
taxi	133	1	Taxi
t-bar	110	1	Convertible (excludes sunroof, t-bar)
technician	324	2	Drug Recognition Technician (DRT) determ
technician	424	2	Drug Recognition Technician (DRT) determ
telephone	229	93	Cellular telephone present in vehicle
telephone	230	93	Cellular telephone present in vehicle
telephone	231	93	Cellular telephone present in vehicle
telephone	232	93	Cellular telephone present in vehicle
temporary	210	8	Temporary license
tennessee	1	47	Tennessee
tennessee	123	47	Tennessee
tennessee	159	47	Tennessee
tennessee	209	47	Tennessee
territories	228	0	Not a resident of U.S. or Territories
test	216	18	Refusal to submit to chemical test
test	217	18	Refusal to submit to chemical test
test	218	18	Refusal to submit to chemical test
test	319	1	Evidential test (breath, blood, urine)
test	320	*	ALCOHOL TEST STATUS
test	321	*	ALCOHOL TEST TYPE
test	322	*	OCC ALCOHOL TEST RESULT
test	324	1	Evidential test (Blood, Urine)
test	325	*	DRUG TEST STATUS
test	326	*	DRUG TEST TYPE #1
test	327	*	DRUG TEST RESULTS #1
test	328	*	DRUG TEST TYPE #2
test	329	*	DRUG TEST RESULTS #2

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
test	330	*	DRUG TEST TYPE #3
test	331	*	DRUG TEST RESULTS #3
test	419	1	Evidential test (breath, blood, urine)
test	420	*	ALCOHOL TEST STATUS
test	421	*	NMTR ALC TEST TYPE
test	422	*	NMTR ALCOHOL TEST RESULT
test	424	1	Evidential test (Blood, Urine)
test	425	*	DRUG TEST STATUS
test	426	*	DRUG TEST TYPE #1
test	427	*	DRUG TEST RESULTS #1
test	428	*	DRUG TEST TYPE #2
test	429	*	DRUG TEST RESULTS #2
test	430	*	DRUG TEST TYPE #3
test	431	*	DRUG TEST RESULTS #3
tested	320	9	Unknown if tested / not reported
tested	321	99	Unknown if tested / not reported
tested	322	99	Unknown if tested / not reported
tested	325	9	Unknown if tested / not reported
tested	326	9	Unknown if tested / not reported
tested	327	997	Tested for drugs, results unknown
tested	328	9	Unknown if tested / not reported
tested	329	997	Tested for drugs, results unknown
tested	330	9	Unknown if tested / not reported
tested	331	997	Tested for drugs, results unknown
tested	420	9	Unknown if tested / not reported
tested	421	99	Unknown if tested / not reported
tested	422	99	Unknown if tested / not reported
tested	425	9	Unknown if tested / not reported
tested	426	9	Unknown if tested / not reported
tested	427	997	Tested for drugs, results unknown
tested	428	9	Unknown if tested / not reported
tested	429	997	Tested for drugs, results unknown
tested	430	9	Unknown if tested / not reported
tested	431	997	Tested for drugs, results unknown
tests	326	3	Both: blood and urine tests
tests	328	3	Both: blood and urine tests
tests	330	3	Both: blood and urine tests
tests	426	3	Both: blood and urine tests
tests	428	3	Both: blood and urine tests
tests	430	3	Both: blood and urine tests
texas	1	48	Texas
texas	123	48	Texas
texas	159	48	Texas
texas	209	48	Texas
theft	216	92	Theft, unauthorized use of motor vehicle
theft	217	92	Theft, unauthorized use of motor vehicle
theft	218	92	Theft, unauthorized use of motor vehicle
third	311	31	Third seat - left side
third	411	31	Third seat - left side
thomas	108	94	Thomas Built
three	129	3	Three or more trailing units
three	130	8	Tractor/Triples (three trailers)
thrown	25	16	Thrown or falling object
thrown	144	16	Thrown or falling object (other than car
thrown	145	16	Thrown or falling object (other than car
thrown	146	16	Thrown or falling object (other than car
thrown	147	16	Thrown or falling object (other than car

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
thrown	148	16	Thrown or falling object (other than car
thrown	149	16	Thrown or falling object (other than car
thrown	152	16	Thrown or falling object (other than car
thursday	57	5	Thursday
tie-rod	142	3	Steering system - includes tie-rod, king
tie-rod	143	3	Steering system - includes tie-rod, king
time	12	*	CRASH TIME - HOUR
time	13	*	CRASH TIME - MINUTE
time	43	99	Unknown EMS notification time
time	44	99	Unknown EMS notification time
time	45	99	Unknown EMS scene arrival time
time	46	99	Unknown EMS scene arrival time
time	338	*	OCC DEATH TIME - HOURS
time	339	*	OCC DEATH TIME - MINUTES
time	340	*	LAG TIME ACC/DEATH - HRS
time	341	*	LAG TIME ACC/DEATH - MIN
time	438	*	NMTR DEATH TIME - HOURS
time	439	*	NMTR DEATH TIME - MINUTE
time	440	*	LAG TIME ACC/DEATH - HRS
time	441	*	LAG TIME ACC/DEATH - MIN
tire	130	1	Single Unit Truck (SUT): 2 axles, 6 tire
tire	142	1	Tires
tire	143	1	Tires
tire	144	61	Equipment failure (blown tire, brake fai
tire	145	61	Equipment failure (blown tire, brake fai
tire	146	61	Equipment failure (blown tire, brake fai
tire	147	61	Equipment failure (blown tire, brake fai
tire	148	61	Equipment failure (blown tire, brake fai
tire	149	61	Equipment failure (blown tire, brake fai
tire	229	80	Tire blowout or flat
tire	230	80	Tire blowout or flat
tire	231	80	Tire blowout or flat
tire	232	80	Tire blowout or flat
tire	342	57	Improper tire pressure
tire	343	57	Improper tire pressure
tire	344	57	Improper tire pressure
tire	442	57	Improper tire pressure
tire	443	57	Improper tire pressure
tire	444	57	Improper tire pressure
top	135	13	Top
top	136	13	Top
top	315	6	Through roof opening (sunroof, converti
top	415	6	Through roof opening (sunroof, converti
total	15	*	TOTAL # OF VEHICLE FORMS
totally	314	1	Totally ejected
totally	414	1	Totally ejected
tour	162	5	Used as a tour bus
tow	110	40	Cab chassis based (includes light stake,
towed	140	2	Towed due to disabling damage
towing	129	5	Vehicle towing another motor vehicle - f
towing	132	12	Vehicle towing another motor vehicle
towing	229	22	Towing or pushing improperly
towing	230	22	Towing or pushing improperly
towing	231	22	Towing or pushing improperly
towing	232	22	Towing or pushing improperly
township	20	5	Township
toxic	154	6	Poison (toxic) and poison inhalation haz

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
toyota	108	49	Toyota
tractor	130	5	Truck tractor (bobtail)
traffic	25	25	Concrete traffic barrier
traffic	29	2	Divided highway, median strip (without t
traffic	36	*	TRAFFIC CONTROL DEVICE
traffic	37	*	TRAFFIC CONT FUNCTIONING
traffic	50	1	Inadequate warning of exits, lanes narro
traffic	51	1	Inadequate warning of exits, lanes narro
traffic	52	1	Inadequate warning of exits, lanes narro
traffic	142	41	Police, fire, or EMS vehicle working at
traffic	143	41	Police, fire, or EMS vehicle working at
traffic	144	25	Concrete traffic barrier
traffic	145	25	Concrete traffic barrier
traffic	146	25	Concrete traffic barrier
traffic	147	25	Concrete traffic barrier
traffic	148	25	Concrete traffic barrier
traffic	149	25	Concrete traffic barrier
traffic	150	2	Slowing or stopping in traffic lane
traffic	152	25	Concrete traffic barrier
traffic	216	6	Fail to obey police, fireman, authorized
traffic	217	6	Fail to obey police, fireman, authorized
traffic	218	6	Fail to obey police, fireman, authorized
traffic	229	32	Opening closure into moving traffic or w
traffic	230	32	Opening closure into moving traffic or w
traffic	231	32	Opening closure into moving traffic or w
traffic	232	32	Opening closure into moving traffic or w
traffic	342	4	Walking/riding with or against traffic,
traffic	343	4	Walking/riding with or against traffic,
traffic	344	4	Walking/riding with or against traffic,
traffic	442	4	Walking/riding with or against traffic,
traffic	443	4	Walking/riding with or against traffic,
traffic	444	4	Walking/riding with or against traffic,
trafficway	21	*	TRAFFICWAY IDENTIFIER #1
trafficway	22	*	TRAFFICWAY IDENTIFIER #2
trafficway	25	55	Motor vehicle in motion outside the traf
trafficway	28	*	RELATION TO TRAFFICWAY
trafficway	29	*	TRAFFICWAY FLOW
trafficway	106	1	Motor vehicle in-transport (inside or ou
trafficway	126	6	Outside of trafficway
trafficway	144	55	Motor vehicle in motion outside the traf
trafficway	145	55	Motor vehicle in motion outside the traf
trafficway	146	55	Motor vehicle in motion outside the traf
trafficway	147	55	Motor vehicle in motion outside the traf
trafficway	148	55	Motor vehicle in motion outside the traf
trafficway	149	55	Motor vehicle in motion outside the traf
trafficway	152	55	Motor vehicle in motion outside the traf
trafficway	229	30	Making improper entry to or exit from tr
trafficway	230	30	Making improper entry to or exit from tr
trafficway	231	30	Making improper entry to or exit from tr
trafficway	232	30	Making improper entry to or exit from tr
trafficway	342	30	Making improper entry to or exit from tr
trafficway	343	30	Making improper entry to or exit from tr
trafficway	344	30	Making improper entry to or exit from tr
trafficway	407	0	Not applicable / occupant of a motor veh
trafficway	417	0	Not applicable - occupant of a motor veh
trafficway	442	30	Making improper entry to or exit from tr
trafficway	443	30	Making improper entry to or exit from tr

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Item	Var	CV	Variable Name or Code Value
trafficway	444	30	Making improper entry to or exit from tr
trafficways	229	18	Traveling on prohibited trafficways
trafficways	230	18	Traveling on prohibited trafficways
trafficways	231	18	Traveling on prohibited trafficways
trafficways	232	18	Traveling on prohibited trafficways
trafficways	342	37	Traveling on prohibited trafficways
trafficways	343	37	Traveling on prohibited trafficways
trafficways	344	37	Traveling on prohibited trafficways
trafficways	442	37	Traveling on prohibited trafficways
trafficways	443	37	Traveling on prohibited trafficways
trafficways	444	37	Traveling on prohibited trafficways
trailer	130	4	Truck/trailer(s)
trailer	132	9	Pole - trailer
trailer	142	15	Trailer hitch
trailer	143	15	Trailer hitch
trailer	229	88	Trailer fishtailing or swaying
trailer	230	88	Trailer fishtailing or swaying
trailer	231	88	Trailer fishtailing or swaying
trailer	232	88	Trailer fishtailing or swaying
trailing	110	66	Truck-tractor (cab only, or with any num
trailing	129	*	VEHICLE TRAILING
trailing	311	54	Trailing unit
trailing	411	54	Trailing unit
train	25	10	Railway train
train	36	68	Other train activated device
train	142	5	Power train - includes universal-joint,
train	143	5	Power train / engine - includes universa
train	144	10	Railway train
train	145	10	Railway train
train	146	10	Railway train
train	147	10	Railway train
train	148	10	Railway train
train	149	10	Railway train
train	152	10	Railway train
transit	110	52	Transit bus (city bus)
transmission	142	5	Power train - includes universal-joint,
transmission	143	5	Power train / engine - includes universa
transport	342	55	Getting off/out of or on/into a transpor
transport	343	55	Getting off/out of or on/into a transpor
transport	344	55	Getting off/out of or on/into a transpor
transport	410	4	Occupant of a nonmotor vehicle transport
transport	442	55	Getting off/out of or on/into a transpor
transport	443	55	Getting off/out of or on/into a transpor
transport	444	55	Getting off/out of or on/into a transpor
transported	47	88	Not applicable (not transported)
transported	48	88	Not applicable (not transported)
transported	333	0	Not transported
transported	433	0	Not transported
transporter	132	6	Auto transporter
transporting	142	37	Transporting children to/from Head Start
transporting	143	37	Transporting children to/from Head Start
travel	30	*	NUMBER OF TRAVEL LANES
travel	128	*	TRAVEL SPEED
traveling	229	18	Traveling on prohibited trafficways
traveling	230	18	Traveling on prohibited trafficways
traveling	231	18	Traveling on prohibited trafficways
traveling	232	18	Traveling on prohibited trafficways

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Item	Var	CV	Variable Name or Code Value
traveling	342	37	Traveling on prohibited trafficways
traveling	343	37	Traveling on prohibited trafficways
traveling	344	37	Traveling on prohibited trafficways
traveling	442	37	Traveling on prohibited trafficways
traveling	443	37	Traveling on prohibited trafficways
traveling	444	37	Traveling on prohibited trafficways
travellall	110	16	Utility station wagon (includes suburban
tree	25	42	Tree (standing tree only)
tree	144	42	Tree (standing tree only)
tree	145	42	Tree (standing tree only)
tree	146	42	Tree (standing tree only)
tree	147	42	Tree (standing tree only)
tree	148	42	Tree (standing tree only)
tree	149	42	Tree (standing tree only)
tree	152	42	Tree (standing tree only)
tree	233	5	Trees, crops, vegetation
tree	234	5	Trees, crops, vegetation
tree	235	5	Trees, crops, vegetation
tree	342	64	Trees, crops, vegetation
tree	343	64	Trees, crops, vegetation
tree	344	64	Trees, crops, vegetation
tree	442	64	Trees, crops, vegetation
tree	443	64	Trees, crops, vegetation
tree	444	64	Trees, crops, vegetation
triples	130	8	Tractor/Triples (three trailers)
tripped	125	*	ROLLOVER TRIPPED
triumph	108	50	Triumph
truck	110	6	Station wagon (excluding van and truck b
truck	130	0	Not applicable, not a medium/heavy truck
truck	133	7	Fire truck
truck	170	*	VIN TRUCK FUEL CODE
truck	171	*	VIN TRUCK WEIGHT CODE
truck	172	*	VIN TRUCK SERIES
truck	216	24	Exceeding special speed limit (e.g.: for
truck	217	24	Exceeding special speed limit (e.g.: for
truck	218	24	Exceeding special speed limit (e.g.: for
truck	229	78	Wind from passing truck
truck	230	78	Wind from passing truck
truck	231	78	Wind from passing truck
truck	232	78	Wind from passing truck
truck	311	50	Sleeper section of cab (truck)
truck	315	8	Other path (e.g., back of pickup truck)
truck	342	74	Wind from passing truck
truck	343	74	Wind from passing truck
truck	344	74	Wind from passing truck
truck	411	50	Sleeper section of cab (truck)
truck	415	8	Other path (e.g., back of pickup truck)
truck	442	74	Wind from passing truck
truck	443	74	Wind from passing truck
truck	444	74	Wind from passing truck
truck-tractor	110	66	Truck-tractor (cab only, or with any num
tuesday	57	3	Tuesday
turning	150	10	Turning right:Right Turn on Red (RTOR)
turning	216	33	Violation of turn on red (fail to stop &
turning	217	33	Violation of turn on red (fail to stop &
turning	218	33	Violation of turn on red (fail to stop &
two-way	28	11	Two-way continuous left-turn lane

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Item	Var	CV	Variable Name or Code Value
two-way	29	1	Not physically divided (two-way trafficw
two-way	229	97	Two-way radio
two-way	230	97	Two-way radio
two-way	231	97	Two-way radio
two-way	232	97	Two-way radio
u.s. government	209	94	U.S. Government
u.s. government tags (in	123	94	U.S. government tags (includes military)
unattended	229	20	Leaving vehicle unattended with engine r
unattended	230	20	Leaving vehicle unattended with engine r
unattended	231	20	Leaving vehicle unattended with engine r
unattended	232	20	Leaving vehicle unattended with engine r
unauthorized	216	92	Theft, unauthorized use of motor vehicle
unauthorized	217	92	Theft, unauthorized use of motor vehicle
unauthorized	218	92	Theft, unauthorized use of motor vehicle
under	50	5	Surface under water
under	51	5	Surface under water
under	52	5	Surface under water
under	216	13	Driving under influence of substance not
under	217	13	Driving under influence of substance not
under	218	13	Driving under influence of substance not
under	229	5	Under the influence of alcohol, drugs or
under	230	5	Under the influence of alcohol, drugs or
under	231	5	Under the influence of alcohol, drugs or
under	232	5	Under the influence of alcohol, drugs or
under	342	15	Under the influence of alcohol, drugs or
under	343	15	Under the influence of alcohol, drugs or
under	344	15	Under the influence of alcohol, drugs or
under	442	15	Under the Influence of Alcohol, Drugs or
under	443	15	Under the Influence of Alcohol, Drugs or
under	444	15	Under the Influence of Alcohol, Drugs or
undercarriage	135	14	Undercarriage
undercarriage	136	14	Undercarriage
underride	137	*	UNDERRIDE/OVERRIDE
unenclosed	311	52	Other passenger in unenclosed passenger
unenclosed	411	52	Other passenger in unenclosed passenger
unfamiliar	229	53	Unfamiliar with roadway
unfamiliar	230	53	Unfamiliar with roadway
unfamiliar	231	53	Unfamiliar with roadway
unfamiliar	232	53	Unfamiliar with roadway
unfamiliar	342	52	Unfamiliar with roadway
unfamiliar	343	52	Unfamiliar with roadway
unfamiliar	344	52	Unfamiliar with roadway
unfamiliar	442	52	Unfamiliar with roadway
unfamiliar	443	52	Unfamiliar with roadway
unfamiliar	444	52	Unfamiliar with roadway
uninjured	60	*	NUMBER UNINJ IN CRASH
uninjured	175	*	NUMBER UNINJURED IN VEH
uninsured	216	76	Driving uninsured vehicle
uninsured	217	76	Driving uninsured vehicle
uninsured	218	76	Driving uninsured vehicle
unintentional	229	51	Driving on wrong side of road (intention
unintentional	230	51	Driving on wrong side of road (intention
unintentional	231	51	Driving on wrong side of road (intention
unintentional	232	51	Driving on wrong side of road (intention
unintentional	342	50	Driving on wrong side of road (intention
unintentional	343	50	Driving on wrong side of road (intention
unintentional	344	50	Driving on wrong side of road (intention

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Item	Var	CV	Variable Name or Code Value
unintentional	442	50	Driving on wrong side of road (intention
unintentional	443	50	Driving on wrong side of road (intention
unintentional	444	50	Driving on wrong side of road (intention
unit	106	*	UNIT TYPE
unit	110	61	Single unit straight truck (10,000 lbs <
unit	129	0	No trailing units
unit	130	1	Single Unit Truck (SUT): 2 axles, 6 tire
unit	144	62	Separation of units
unit	145	62	Separation of units
unit	146	62	Separation of units
unit	147	62	Separation of units
unit	148	62	Separation of units
unit	149	62	Separation of units
unit	311	54	Trailing unit
unit	411	54	Trailing unit
universal-joint	142	5	Power train - includes universal-joint,
universal-joint	143	5	Power train / engine - includes universa
university	24	4	College/University campus
unsafe	216	3	Unsafe reckless (not willful, wanton rec
unsafe	217	3	Unsafe reckless (not willful, wanton rec
unsafe	218	3	Unsafe reckless (not willful, wanton rec
untripped	125	2	Rollover, untripped
upright	229	15	Seat back not in normal upright position
upright	230	15	Seat back not in normal upright position
upright	231	15	Seat back not in normal upright position
upright	232	15	Seat back not in normal upright position
upright	342	88	Seat back not in normal upright position
upright	343	88	Seat back not in normal upright position
upright	344	88	Seat back not in normal upright position
upright	442	88	Seat back not in normal upright position
upright	443	88	Seat back not in normal upright position
upright	444	88	Seat back not in normal upright position
urban	19	19	Unknown urban
urine	319	1	Evidential test (breath, blood, urine)
urine	321	3	Urine
urine	324	1	Evidential test (Blood, Urine)
urine	326	2	Urine
urine	328	2	Urine
urine	330	2	Urine
urine	419	1	Evidential test (breath, blood, urine)
urine	421	3	Urine
urine	424	1	Evidential test (Blood, Urine)
urine	426	2	Urine
urine	428	2	Urine
urine	430	2	Urine
us dot	159	57	US DOT
utah	1	49	Utah
utah	123	49	Utah
utah	159	49	Utah
utah	209	49	Utah
utility	25	30	Utility pole
utility	42	3	Utility
utility	106	4	Working motor vehicle (highway construct
utility	110	14	Compact utility (ANSI D-16 utility vehic
utility	130	70	Light truck (van, minivan, panel, pickup
utility	142	39	Highway construction, maintenance or uti
utility	143	39	Highway construction, maintenance or uti

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Item	Var	CV	Variable Name or Code Value
utility	144	30	Utility pole
utility	145	30	Utility pole
utility	146	30	Utility pole
utility	147	30	Utility pole
utility	148	30	Utility pole
utility	149	30	Utility pole
utility	152	30	Utility pole
utility	342	9	Construction/maintenance/utility worker
utility	343	9	Construction/maintenance/utility worker
utility	344	9	Construction/maintenance/utility worker
utility	442	9	Construction/maintenance/utility worker
utility	443	9	Construction/maintenance/utility worker
utility	444	9	Construction/maintenance/utility worker
u-turn	150	14	Making a U-turn
valid	204	0	Not a valid driver record (i.e., dummy r
valid	211	6	Valid
valid	212	6	Valid
valid	214	2	No valid license for this class vehicle
van	110	6	Station wagon (excluding van and truck b
van	130	70	Light truck (van, minivan, panel, pickup
van	132	1	Van/enclosed box
van-based	110	21	Large van - includes van-based buses)
vegetation	233	5	Trees, crops, vegetation
vegetation	234	5	Trees, crops, vegetation
vegetation	235	5	Trees, crops, vegetation
vegetation	342	64	Trees, crops, vegetation
vegetation	343	64	Trees, crops, vegetation
vegetation	344	64	Trees, crops, vegetation
vegetation	442	64	Trees, crops, vegetation
vegetation	443	64	Trees, crops, vegetation
vegetation	444	64	Trees, crops, vegetation
vermont	1	50	Vermont
vermont	123	50	Vermont
vermont	159	50	Vermont
vermont	209	50	Vermont
victims	334	0	Not applicable (non-fatalities and victi
victims	434	0	Not applicable (non-fatalities and victi
victory	108	77	Victory
vietnamese	347	48	Vietnamese
vietnamese	447	48	Vietnamese
view	342	70	Mirrors (rear view, side mirrors, others
view	343	70	Mirrors (rear view, side mirrors, others
view	344	70	Mirrors (rear view, side mirrors, others
view	442	70	Mirrors (rear view, side mirrors, others
view	443	70	Mirrors (rear view, side mirrors, others
view	444	70	Mirrors (rear view, side mirrors, others
vin	112	*	VIN
vin	113	*	VIN - LETTER #1
vin	114	*	VIN - LETTER #2
vin	115	*	VIN - LETTER #3
vin	116	*	VIN - LETTER #4
vin	117	*	VIN - LETTER #5
vin	118	*	VIN - LETTER #6
vin	119	*	VIN - LETTER #7
vin	120	*	VIN - LETTER #8
vin	121	*	VIN - LETTER #9
vin	122	*	VIN - LETTER #10

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
vin	165	*	VIN AUTO MODEL
vin	166	*	VIN BODY TYPE
vin	167	*	VIN AUTO WEIGHT
vin	168	*	VIN AUTO WHEELBASE SHORT
vin	169	*	VIN AUTO WHEELBASE LONG
vin	170	*	VIN TRUCK FUEL CODE
vin	171	*	VIN TRUCK WEIGHT CODE
vin	172	*	VIN TRUCK SERIES
vin	173	*	VIN MOTORCYCLE DSPLACMNT
vin	174	*	LENGTH OF VIN
violate	216	36	Violate RR grade crossing device/regulat
violate	217	36	Violate RR grade crossing device/regulat
violate	218	36	Violate RR grade crossing device/regulat
violation	216	*	VIOLATIONS CHARGED #1
violation	217	*	VIOLATIONS CHARGED #2
violation	218	*	VIOLATIONS CHARGED #3
violation	229	91	Nontraffic violation charged (manslaught
violation	230	91	Nontraffic violation charged (manslaught
violation	231	91	Nontraffic violation charged (manslaught
violation	232	91	Nontraffic violation charged (manslaught
virgin islands	1	52	Virgin Islands
virgin islands	123	52	Virgin Islands
virgin islands	159	52	Virgin Islands
virgin islands	209	52	Virgin Islands
virginia	1	51	Virginia
virginia	123	51	Virginia
virginia	159	51	Virginia
virginia	209	51	Virginia
visibility	229	35	Passing with insufficient distance or in
visibility	230	35	Passing with insufficient distance or in
visibility	231	35	Passing with insufficient distance or in
visibility	232	35	Passing with insufficient distance or in
visibility	342	35	Passing with insufficient distance or in
visibility	343	35	Passing with insufficient distance or in
visibility	344	35	Passing with insufficient distance or in
visibility	442	35	Passing with insufficient distance or in
visibility	443	35	Passing with insufficient distance or in
visibility	444	35	Passing with insufficient distance or in
visible	342	1	Not visible
visible	343	1	Not visible
visible	344	1	Not visible
visible	442	1	Not visible
visible	443	1	Not visible
visible	444	1	Not visible
vision	233	*	DRIVER VISION OBSCURED1
vision	234	*	DRIVER VISION OBSCURED2
vision	235	*	DRIVER VISION OBSCURED3
visual	233	98	Other visual obstruction
visual	234	98	Other visual obstruction
visual	235	98	Other visual obstruction
visual	342	72	Other visual obstruction
visual	343	72	Other visual obstruction
visual	344	72	Other visual obstruction
visual	442	72	Other visual obstruction
visual	443	72	Other visual obstruction
visual	444	72	Other visual obstruction
vitreous	321	4	Vitreous

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
vitreous	421	4	Vitreous
volkswagen	108	30	Volkswagen
volvo	108	51	Volvo
wagon	110	6	Station wagon (excluding van and truck b
wagoneer	110	16	Utility station wagon (includes suburban
wait	216	8	Fail to give aid, info., wait for police
wait	217	8	Fail to give aid, info., wait for police
wait	218	8	Fail to give aid, info., wait for police
walk-in	110	22	Step-van or walk-in van
walking	342	4	Walking/riding with or against traffic,
walking	343	4	Walking/riding with or against traffic,
walking	344	4	Walking/riding with or against traffic,
walking	442	4	Walking/riding with or against traffic,
walking	443	4	Walking/riding with or against traffic,
walking	444	4	Walking/riding with or against traffic,
wall	25	39	Wall
wall	144	39	Wall
wall	145	39	Wall
wall	146	39	Wall
wall	147	39	Wall
wall	148	39	Wall
wall	149	39	Wall
wall	152	39	Wall
wanton	216	3	Unsafe reckless (not willful, wanton rec
wanton	217	3	Unsafe reckless (not willful, wanton rec
wanton	218	3	Unsafe reckless (not willful, wanton rec
warning	36	40	Warning sign
warning	50	1	Inadequate warning of exits, lanes narro
warning	51	1	Inadequate warning of exits, lanes narro
warning	52	1	Inadequate warning of exits, lanes narro
warning	229	33	Passing where prohibited by posted signs
warning	230	33	Passing where prohibited by posted signs
warning	231	33	Passing where prohibited by posted signs
warning	232	33	Passing where prohibited by posted signs
warning	342	33	Passing where prohibited by posted signs
warning	343	33	Passing where prohibited by posted signs
warning	344	33	Passing where prohibited by posted signs
warning	442	33	Passing where prohibited by posted signs
warning	443	33	Passing where prohibited by posted signs
warning	444	33	Passing where prohibited by posted signs
washed	50	7	Surface washed out (caved in, road slipp
washed	51	7	Surface washed out (caved in, road slipp
washed	52	7	Surface washed out (caved in, road slipp
washington	1	53	Washington
washington	123	53	Washington
washington	159	53	Washington
washington	209	53	Washington
watchman	36	73	Special warning device - watchman, flagg
water	35	6	Water (standing or moving)
water	50	5	Surface under water
water	51	5	Surface under water
water	52	5	Surface under water
water	229	87	Ice, snow, slush, water, sand, dirt, oil
water	230	87	Ice, snow, slush, water, sand, dirt, oil
water	231	87	Ice, snow, slush, water, sand, dirt, oil
water	232	87	Ice, snow, slush, water, sand, dirt, oil
water	342	83	Ice, snow, slush, water, sand, dirt, oil

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
water	343	83	Ice, snow, slush, water, sand, dirt, oil
water	344	83	Ice, snow, slush, water, sand, dirt, oil
water	442	83	Ice, snow, slush, water, sand, dirt, oil
water	443	83	Ice, snow, slush, water, sand, dirt, oil
water	444	83	Ice, snow, slush, water, sand, dirt, oil
wednesday	57	4	Wednesday
week	57	*	DAY OF WEEK
weight	110	66	Truck-tractor (cab only, or with any num
weight	163	*	GROSS WEIGHT RATING-GVWR
weight	167	*	VIN AUTO WEIGHT
weight	171	*	VIN TRUCK WEIGHT CODE
weight	216	86	Size, weight, load violations
weight	217	86	Size, weight, load violations
weight	218	86	Size, weight, load violations
weight	236	*	DRIVER WEIGHT
west virginia	1	54	West Virginia
west virginia	123	54	West Virginia
west virginia	159	54	West Virginia
west virginia	209	54	West Virginia
wet	35	2	Wet
wet	154	4	Flammable solid, spontaneously combustib
wet	229	87	Ice, snow, slush, water, sand, dirt, oil
wet	230	87	Ice, snow, slush, water, sand, dirt, oil
wet	231	87	Ice, snow, slush, water, sand, dirt, oil
wet	232	87	Ice, snow, slush, water, sand, dirt, oil
wet	342	83	Ice, snow, slush, water, sand, dirt, oil
wet	343	83	Ice, snow, slush, water, sand, dirt, oil
wet	344	83	Ice, snow, slush, water, sand, dirt, oil
wet	442	83	Ice, snow, slush, water, sand, dirt, oil
wet	443	83	Ice, snow, slush, water, sand, dirt, oil
wet	444	83	Ice, snow, slush, water, sand, dirt, oil
wheel	110	83	Off-road motorcycle (2 wheel)
wheel	142	16	Wheels
wheel	143	16	Wheels
wheel	229	57	Locked wheel
wheel	230	57	Locked wheel
wheel	231	57	Locked wheel
wheel	232	57	Locked wheel
wheel	342	58	Locked wheel
wheel	343	58	Locked wheel
wheel	344	58	Locked wheel
wheel	442	58	Locked wheel
wheel	443	58	Locked wheel
wheel	444	58	Locked wheel
wheelbase	168	*	VIN AUTO WHEELBASE SHORT
wheelbase	169	*	VIN AUTO WHEELBASE LONG
wheelchair	229	7	Restricted to wheelchair
wheelchair	230	7	Restricted to wheelchair
wheelchair	231	7	Restricted to wheelchair
wheelchair	232	7	Restricted to wheelchair
wheelchair	342	12	Restricted to wheelchair
wheelchair	343	12	Restricted to wheelchair
wheelchair	344	12	Restricted to wheelchair
wheelchair	442	12	Restricted to wheelchair
wheelchair	443	12	Restricted to wheelchair
wheelchair	444	12	Restricted to wheelchair
white	108	89	White/Autocar - White/GMC

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
white	347	1	White
white	447	1	White
wide	216	42	Improper method & position of turn (too
wide	217	42	Improper method & position of turn (too
wide	218	42	Improper method & position of turn (too
wigwag	36	63	Wigwags
willful	216	2	Willful reckless driving; driving to end
willful	217	2	Willful reckless driving; driving to end
willful	218	2	Willful reckless driving; driving to end
wind	229	78	Wind from passing truck
wind	230	78	Wind from passing truck
wind	231	78	Wind from passing truck
wind	232	78	Wind from passing truck
wind	342	74	Wind from passing truck
wind	343	74	Wind from passing truck
wind	344	74	Wind from passing truck
wind	442	74	Wind from passing truck
wind	443	74	Wind from passing truck
wind	444	74	Wind from passing truck
window	315	2	Throughside window
window	415	2	Throughside window
windshield	233	13	Broken or improperly cleaned windshield
windshield	234	13	Broken or improperly cleaned windshield
windshield	235	13	Broken or improperly cleaned windshield
windshield	315	3	Throughwindshield
windshield	415	3	Throughwindshield
wiper	142	12	Wipers
wiper	143	12	Wipers
wisconsin	1	55	Wisconsin
wisconsin	123	55	Wisconsin
wisconsin	159	55	Wisconsin
wisconsin	209	55	Wisconsin
withdrawn	216	71	Driving while license withdrawn (includi
withdrawn	217	71	Driving while license withdrawn (includi
withdrawn	218	71	Driving while license withdrawn (includi
work	42	*	WORK ZONE
work	142	39	Highway construction, maintenance or uti
work	143	39	Highway construction, maintenance or uti
work	216	71	Driving while license withdrawn (includi
work	217	71	Driving while license withdrawn (includi
work	218	71	Driving while license withdrawn (includi
work	346	*	OCC FATAL INJURY AT WORK
work	446	*	NMTR FATAL INJ AT WORK
worker	342	9	Construction/maintenance/utility worker
worker	343	9	Construction/maintenance/utility worker
worker	344	9	Construction/maintenance/utility worker
worker	442	9	Construction/maintenance/utility worker
worker	443	9	Construction/maintenance/utility worker
worker	444	9	Construction/maintenance/utility worker
working	25	45	Working motor vehicle (construction, mai
working	106	4	Working motor vehicle (highway construct
working	142	41	Police, fire, or EMS vehicle working at
working	143	41	Police, fire, or EMS vehicle working at
working	144	45	Working motor vehicle (construction, mai
working	145	45	Working motor vehicle (construction, mai
working	146	45	Working motor vehicle (construction, mai
working	147	45	Working motor vehicle (construction, mai

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
working	148	45	Working motor vehicle (construction, mai
working	149	45	Working motor vehicle (construction, mai
working	152	45	Working construction, maintenance or uti
working	233	7	Not in-transport motor vehicle (parked,
working	234	7	Not in-transport motor vehicle (parked,
working	235	7	Not in-transport motor vehicle (parked,
working	342	4	Walking/riding with or against traffic,
working	343	4	Walking/riding with or against traffic,
working	344	4	Walking/riding with or against traffic,
working	407	0	Not applicable / occupant of a motor veh
working	417	0	Not applicable - occupant of a motor veh
working	442	4	Walking/riding with or against traffic,
working	443	4	Walking/riding with or against traffic,
working	444	4	Walking/riding with or against traffic,
wrong	216	42	Improper method & position of turn (too
wrong	217	42	Improper method & position of turn (too
wrong	218	42	Improper method & position of turn (too
wrong	229	34	Passing on wrong side
wrong	230	34	Passing on wrong side
wrong	231	34	Passing on wrong side
wrong	232	34	Passing on wrong side
wrong	342	34	Passing on wrong side
wrong	343	34	Passing on wrong side
wrong	344	34	Passing on wrong side
wrong	442	34	Passing on wrong side
wrong	443	34	Passing on wrong side
wrong	444	34	Passing on wrong side
wyoming	1	56	Wyoming
wyoming	123	56	Wyoming
wyoming	159	56	Wyoming
wyoming	209	56	Wyoming
yamaha	108	76	Yamaha
year	11	*	CRASH DATE - YEAR
year	111	*	MODEL YEAR
year	225	*	LAST CRASH - YEAR
year	227	*	FIRST CRASH - YEAR
year	308	0	Less than one year
year	337	*	OCC DEATH DATE - YEAR
year	408	0	Less than one year
year	437	*	NMTR DEATH DATE - YEAR
yellow	216	34	Fail to obey flashing signal (yellow or
yellow	217	34	Fail to obey flashing signal (yellow or
yellow	218	34	Fail to obey flashing signal (yellow or
yield	36	21	Yield sign
yield	216	33	Violation of turn on red (fail to stop &
yield	217	33	Violation of turn on red (fail to stop &
yield	218	33	Violation of turn on red (fail to stop &
yield	229	35	Passing with insufficient distance or in
yield	230	35	Passing with insufficient distance or in
yield	231	35	Passing with insufficient distance or in
yield	232	35	Passing with insufficient distance or in
yield	342	35	Passing with insufficient distance or in
yield	343	35	Passing with insufficient distance or in
yield	344	35	Passing with insufficient distance or in
yield	442	35	Passing with insufficient distance or in
yield	443	35	Passing with insufficient distance or in
yield	444	35	Passing with insufficient distance or in

FARS 2009 Index (continued)

Item	Var	CV	Variable Name or Code Value
yugo	108	57	Yugo
zip	228	*	DRIVER'S ZIP CODE
zone	28	7	In parking lane/zone
zone	36	39	Unknown type school zone sign
zone	42	*	WORK ZONE
zone	50	21	Within designated school zone
zone	51	21	Within designated school zone
zone	52	21	Within designated school zone
zone	142	39	Highway construction, maintenance or uti
zone	143	39	Highway construction, maintenance or uti
zone	216	24	Exceeding special speed limit (e.g.: for
zone	217	24	Exceeding special speed limit (e.g.: for
zone	218	24	Exceeding special speed limit (e.g.: for
zone	229	39	Failure to obey actual traffic signs, tr
zone	230	39	Failure to obey actual traffic signs, tr
zone	231	39	Failure to obey actual traffic signs, tr
zone	232	39	Failure to obey actual traffic signs, tr
zone	342	39	Failure to obey actual traffic sign, tra
zone	343	39	Failure to obey actual traffic sign, tra
zone	344	39	Failure to obey actual traffic sign, tra
zone	442	39	Failure to obey actual traffic sign, tra
zone	443	39	Failure to obey actual traffic sign, tra
zone	444	39	Failure to obey actual traffic sign, tra
2-door	110	2	2-door sedan, hardtop, coupe
3-door	110	3	3-door/2-door hatchback
4-door	110	4	4-door sedan, hardtop
5-door	110	5	5-door/4-door hatchback

FARS

APPENDIX A

Code Values for Variables; 327, 329, 331, 427, 429 & 431

"Drug Test Results"

Alphabetical Drug Index

Acetaminophen + Codeine	100	Betameprodine	120
Acetorphine	101	Betamethadol	121
Acetyl-alpha-methylfentanyl	102	Betaprodine	122
Acetyldihydrocodeine	103	Bezitramide	123
Acetylmethadol	104	Boldenone	800
Aerosols (hydrocarbon)	940	Bromo-dimethoxyamphetamine	524
Alfentanil	105	Bromo-dimethoxyphenethylamine	525
Allylprodine	106	Bromazepam	306
Alphacetylmethadol	220	Bufotenine	501
Alpha-Ethyltryptamine	523	Buprenorphine	124
Alpha-methylfentanyl	107	Butobarbital	307
Alpha-methylthiofentanyl	108	Butalbital	308
Alphameprodine	109	Butorphanol	218
Alphamethadol	110	Butly Nitrite	923
Alphaprodine	111		
Alprazolam	300	Camazepam	309
Aminorex	428	"Cannabinoid, Type Unknown"	695
Amobarbital	301	Carbamate	310
Amobarbital & non-controlled active ingred.	378	Carfentanil	125
Amphetamine	401	Carisoprodol	376
Amphetamine Sulfate	400	Cathine (Norpseudoephedrine)	404
Amphetamine Variants	500	Cathinone	429
Amyl Nitrite	921	Chloral betaine	311
Anabolic Steroid, Type Unknown	895	Chloralhydrate	312
Anesthetic Gases	920	Chlordiazepoxide	313
Anileridine	112	Chlorhexadol	314
APC + Codeine	113	Chloroform	926
Aprobarbital	379	Chlorotestosterone	801
Aspirin + Codeine	114	Chlorphentermine	405
		Chlostebol	802
Barbitol	302	Clobazam	315
Barbiturates	303	Clonazepam	316
Barbituric Acid Derivative	380	Clonitazene	126
Benzethidine	115	Clorazepate	382
Benzitramide	116	Clorazepate Dipotassium	317
Benzodiazepines	304	Clortermine	406
Benzoylecgonine	402	Clostebol	827
Benzphetamine	403	Clotiazepam	318
Benzylfentanyl	305	Cloxacolam	319
Benzylmorphine	117	Coca Leaves	430
Beta-Hydroxy-3-methylfentanyl	221	Cocaine	407
Beta-hydroxyfentanyl	118	Codeine	128
Betacetylmethadol	119	Codeine & isoquinoline	222
		Codeine methylbromide	127

Alphabetical Drug Index

Codeine-N-oxide	223	Ethinamate	324
Cyprenorphine	129	Ethyl loflazepate	325
		Ethyl-phenylcyclohexylamine	533
		Ethyl-pipirdylbenzilate	508
Dehydrochlormethyltestosterone	803	Ethylamine	700
Delorazepam	320	Ethylestrenol	806
Delta 9	600	Ethylmethylthiambutene	146
"Depressants, Type Unknown"	395	Ethylmorphine	147
Desomorphine	130	Etonitazene	148
Dexfenfluramine	383	Etorphine	149
Dextroamphetamine	408	Etoxdine	150
Dextromoramide	131		
Dextropropoxyphene	224	Fencamfamin	411
Diacetylmorphine	132	Fenethylamine	412
Diampromide	133	Fenfluramine	413
Diazepam	321	Fenproporex	414
Dichloralphenazone	431	Fentanyl	151
Diethylpropion	409	Fiorinal + Codeine	152
Diethylthiambutene	134	Fiorinol	326
Diethyltryptamine (DET)	503	Fludiazepam	327
Difenoxin	225	Flunitrazepam	328
Difenoxin	135	Fluoxymesterone	807
Dihydrocodeine	136	Flurazepam	384
Dihydromorphine	137	Flurazepam Hydrochloride	329
Dihydrotestosterone	804	Formebolone (Formebolone)	808
Dihydroetorphine	226	Frying Pan Lubricants	944
Dimenoxadol	138	Furethidine	153
Dimephtanol	139		
Dimethoxyamphetamine(DOM)	504	Gamma Hydroxybutyric (GHB)	377
Dimethylamphetamine	532	Glass Chillers	943
Dimethylthiambutene	140	Glutethimide	330
Dimethyltryptamine (DMT)	505		
Dioxaphetyl Butyrate	141	Hair spray	941
Diphenoxylate	142	Halazepam	331
Dipipanone	143	"Hallucinogens, Type Unknown"	595
Diprenorphine	227	Haloxazolam	332
Diprenorphine Hydrochloride	145	Hashish	602
DMA	506	Hashish Oil	601
Dronabinol	507	Heroin	154
Drostanolone	805	Hexobarbital	333
Drotebanol	144	Hydrocodone	155
		Hydromorphanol	156
Ecgonine	410	Hydromorphone	157
Estazolam	322	Hydroxypethidine	158
Ethchlorvynol	323	Hydroxizine	334
Ether	925	Ibogaine	509

Alphabetical Drug Index

"Inhalants, Type Unknown"	995	Methcathinone	432
Insecticides	942	Methenolone	814
Isomethadone	159	Methohexital	346
		Methoxyamphetamine (PMA)	514
Ketamine	522	Methylaminorex	529
Ketazolam	335	Methyldesorphine	168
Ketobemidone	160	Methyldihydromorphine	169
		Methyl-dimethoxyamphetamine	530
Lacquer Thinners	904	Methylenedioxy-N-	
Levo-alphaacetylmethado	228	ethylamphetamine	531
Levomoramide	161	Methylenedioxyamphetamine	
Levophenacetylmorphan	162	(MDA)	515
Levomethorphan	163	Methylenedioxymetham-	
Levorphanol	229	phetamine (MDMA)	513
Levorphanol Tartrate	164	Methylfentanyl	170
Loprazolam	336	Methylone	435
Lorazepam	337	Methylphenidate	418
Lormetazepam	338	Methylphenylpropionoxypiperid	171
LSD	510	ine (MPPP)	
Lysergic Acid	511	Methyltestosterone	815
Lysergic Acid Amide	527	Methylthiofentanyl	230
Lysergic Acid Diethylamide	528	Methypylon	347
		Metopon	172
Marijuana/Marihuana	603	Mibolerone	816
Marinol	604	Midazolam	348
Mazindol	415	Modafinil	433
Mebutamate	339	Moramide	173
Mecloqualone	340	Morpheridine	174
Medazepam	341	Morphine	177
Mefenorex	416	Morphine methylbromide	176
Meperidine (Pethidine)	165	Morphine methylsulfonate	175
Mephobarbital(Methylpheno-		Morphine-N-oxide	231
barbital)	342	Myrophine	178
Meprobamate	343		
Mescaline	512	Nabilone	516
Mesterolone	809	Nethylamphetamine	419
Metazocine	166	Nalorphine	179
Methadone	167	Nandrolone	817
Methamphetamine	417	"Narcotics, Type Unknown"	295
Methandienone	810	Nicocodeine	180
Methandranone	811	Nicomorphine	181
Methandriol	812	Nimetazepam	349
Methandrostenolone	813	Nitrazepam	350
Methaqualone	344	Nitrous Oxide	924
Metharbital	345	Noracymethadol	182
		Nordiazepam	351

Alphabetical Drug Index

Norethandrolone	818	Phenobarbital	358
Norlevorphanol	183	Phenomorphane	199
Normethadone	184	Phenoperidine	200
Normorphine	185	Phentermine	423
Norpipanone	186	Phenylacetone (P2P)	518
		Phenylacetyloxypiperidine (PEPAP)	201
Opium	187	Phenylcyclohexylamine	704
Opium extract	232	Pholcodine	202
Opium fluid extract	233	Piminodine	203
Opium Poppy	234	Pinazepam	359
Opium Tincture	235	Piperidinocyclohexane- carbonitrile (PCC)	705
"Other"	996	Pipradrol	424
Oxandrolone	819	Piritramide	204
Oxazepam	352	Plastic Cement (airplane glue)	901
Oxazolam	353	Poppy Straw	237
Oxmorphone	188	Poppy Straw Concentrate	238
Oxycodone	189	Prazepam	360
Oxymesterone	820	Proheptazine	205
Oxymetholone	821	Properidine	206
		Propiram	207
Paint and Paint Removers	902	Propoxyphene	208
Parafluorofentanyl	190	Propylhexedrine	425
Parahexyl (Synhexyl)	701	Psilocybin	519
Paraldehyde	354	Psilocyn	520
Paregoric	191	Pyrovalerone	426
Parepectolin	192	"Pyrrolidine (PCPy, PHP, TCPy)"	706
"PCP, Type Unknown"	795		
Pemoline	420	Quazepam	361
Pentazocine	193		
Pentobarbital	355	Racemethorphan	209
Pethidine (Meperidine)	194	Racemoramide	210
Petrichloral	356	Racemorphan	211
"Petroleum Products (gasoline, kerosene)"	903	Remifentanil	239
Peyote	517		
Phenadoxone	195	Secobarbital	362
Phenampromide	196	Sibutramine	385
Phenanthrene	197	SPA	427
Phenazocine	198	Stanolone	822
Phencyclidine	702	Stanozolol	823
Phencyclidine Analogs	703	"Stimulants, Type Unknown"	495
Phenylethyl-phenyl- acetoxypiperidine	236	Sulfentanil	212
Phencyclohexylamine	357	Sulfondiethylmethane	363
Phendimetrazine	421	Sulfonethylmethane	364
Phenmetrazine	422	Sulfonmethane	365

Alphabetical Drug Index

Talbutal	366	Tiletamine	372
Temazepam	367	Tilidine	216
Tested; Drugs Found; type	998	Triazolam	373
Tested; Results unknown	997	Trenbolone	826
Testolactone	824	Trimeperidine	217
Testosterone	825	Trimethoxy amphetamine	521
Tetrahydrocannabinols	605	Tybamate	374
Tetrazepam	368	Unknown If Tested For Drugs	999
THC	606	Vinbarbital	434
Thebacon	213	Volatile Solvents (toluene)	900
Thebaine	214	Zaleplon	386
Thenylfentanyl	369	Zolazepam (Telazol)	375
Thiamylal	370	Zolpidem	387
Thienylcyclohexyl]piperidine	708		
Thiofentanyl	215		
Thiopental(Pentothal)	371		
Thiophen	707		

Drugs By Category Type

100-295 NARCOTICS

100	Acetaminophen + Codeine	142	Diphenoxylate
101	Acetorphine	143	Dipipanone
102	Acetyl-alpha-methylfentanyl	144	Diprenorphine Hydrochloride
103	Acetyldihydrocodeine	145	Drotebanol
104	Acetylmethadol	146	Ethylmethylthiambutene
105	Alfentanil	147	Ethylmorphine
106	Allylprodine	148	Etonitazene
107	Alpha-methylfentanyl	149	Etorphine
108	Alpha-methylthiofentanyl	150	Etoxerdine
109	Alphameprodine	151	Fentanyl
110	Alphamethadol	152	Fiorinal + Codeine
111	Alphaprodine	153	Furethidine
112	Anileridine	154	Heroin
113	APC + Codeine	155	Hydrocodone
114	Aspirin + Codeine	156	Hydromorphenol
115	Benzethidine	157	Hydromorphone
116	Benzitramide	158	Hydroxypethidine
117	Benzylmorphine	159	Isomethadone
118	Beta-hydroxyfentanyl	160	Ketobemidone
119	Betacetylmethadol	161	Levomoramide
120	Betameprodine	162	Levophenacymorphan
121	Betamethadol	163	Levomethorphan
122	Betaprodine	164	Levorphanol Tartrate
123	Bexitramide	165	Meperidine (Pethidine)
124	Buprenorphine	166	Metazocine
125	Carfentanil	167	Methadone
126	Clonitazene	168	Methyldesorphine
127	Codeine methylbromide	169	Methyldihydromorphone
128	Codeine	170	Methylfentanyl
129	Cyprenorphine	171	Methylphenylpropionoxypiperidine (MPPP)
130	Desomorphine	172	Metopon
131	Dextromoramide	173	Moramide
132	Diacetylmorphine	174	Morpheridine
133	Diampromide	175	Morphine methylsulfonate
134	Diethylthiambutene	176	Morphine methylbromide
135	Difenoxin	177	Morphine
136	Dihydrocodeine	178	Myrophine
137	Dihydromorphone	179	Nalorphine
138	Dimenoxadol	180	Nicocodeine
139	Dimepheptanol	181	Nicomorphine
140	Dimethylthiambutene	182	Noracymethadol
141	Dioxaphetyl Butyrate	183	Norlevorphanol
		184	Normethadone

Drugs By Category Type

185 Normorphine
186 Norpipanone
187 Opium
188 Oxmorphone
189 Oxycodone
190 Parafluorofentanyl
191 Paregoric
192 Parepectolin
193 Pentazocine
194 Pethidine (Meperidine)
195 Phenadoxone
196 Phenampromide
197 Phenanthrine
198 Phenazocine
199 Phenomorphan
200 Phenoperidine
201 Phenylacetyloxypiperidine (PEPAP)
202 Pholcodine
203 Piminodine
204 Pir tramide
205 Proheptazine
206 Properidine
207 Propiram
208 Propoxyphene
209 Racemethorphan
210 Racemoramide
211 Racemorphan
212 Sulfentanil
213 Thebacon
214 Thebaine
215 Thiofentanyl
216 Tilidine
217 Trimeperidine
218 Butorphanol
220 Alphacetylmethadol
221 Beta-Hydroxy-3-methylfentanyl
222 Codeine & Isoquinoline
223 Codeine-N-oxide
224 Dextropropoxyphene
225 Difenenoxin
226 Dihydroetorphine
227 Diprenorphine
228 Levo-alphacetylmethadol
229 Levorphanol
230 Methylthiofentanyl

231 Morphine-N-oxide
232 Opium Extract
233 Opium Fluid Extract
234 Opium Poppy
235 Opium Tincture
236 Phenylethyl-phenyl-
acetoxypiperidine
237 Poppy Straw
238 Poppy Straw Concentrate
239 Remifentanyl
295 "Narcotics, Type Unknown"

300-395 DEPRESSANTS

300 Alprazolam
301 Amobarbital
302 Barbitol
303 Barbiturates
304 Benzodiazepines
305 Benzylfentanyl
306 Bromazepam
307 Butabarbital
308 Butalbital
309 Camazepam
310 Carbamate
311 Chloral betaine
312 Chloralhydrate
313 Chlordiazepoxide
314 Clorhexadol
315 Clobazam
316 Clonazepam
317 Clorazepate Dipotassium
318 Clotiazepam
319 Cloxazolam
320 Delorazepam
321 Diazepam
322 Estazolam
323 Ethchlorvynol
324 Ethinamate
325 Ethyl loflazepate
326 Fiorinol
327 Fludiazepam
328 Flunitrazepam
329 Flurazepam Hydrochloride
330 Glutethimide

331	Halazepam	375	Zolazepam (Telazol)
332	Haloxazolam	376	Carisoprodol
333	Hexobarbital	377	Gamma Hydroxybutyrate (GHB)
334	Hydroxizine	378	Amobarbital & non-controlled active ingred.
335	Ketazolam	379	Aprobarbital
336	Loprazolam	380	Barbituric Acid Derivative
337	Lorazepam	382	Clorazepate
338	Lormetazepam	383	Dexfenfluramine
339	Mebutamate	384	Flurazepam
340	Mecloqualone	385	Sibutramine
341	Medazepam	386	Zaleplon
342	Mephobarbital (Methylphenobarbital)	387	Zolpidem
343	Meprobamate	395	“Depressants, Type Unknown”
344	Methaqualone		
345	Metharbital	400-495	STIMULANTS
346	Methohexital		
347	Methypylon	400	Amphetamine Sulfate
348	Midazolam	401	Amphetamine
349	Nimetazepam	402	Benzoyllecgonine
350	Nitrazepam	403	Benzphetamine
351	Nordiazepam	404	Cathine (Norpseudoephedrine)
352	Oxazepam	405	Chlorphentermine
353	Oxazolam	406	Clortermine
354	Paraldehyde	407	Cocaine
355	Pentobarbital	408	Dextroamphetamine
356	Petrichloral	409	Diethylpropion
357	Phencyclohexylamine	410	Ecgonine
358	Phenobarbital	411	Fencamfamin
359	Pinazepam	412	Fenethylline
360	Prazepam	413	Fenfluramine
361	Quazepam	414	Fenproporex
362	Secobarbital	415	Mazindol
363	Sulfondiethylmethane	416	Menfenorex
364	Sulfonethylmethane	417	Methamphetamine
365	Sulfonmethane	418	Methylphenidate
366	Talbutal	419	Ne-thylamphetamine
367	Temazepam	420	Pemoline
368	Tetrazepam	421	Phendimetrazine
369	Thenylfentanyl	422	Phenmetrazine
370	Thiamylal	423	Phentermine
371	Thiopental(Pentothal)	424	Pipradrol
372	Tiletamine	425	Propylhexedrine
373	Traizolam	426	Pyrovalerone
374	Tybamate	427	SPA

Drugs By Category Type

428 Aminorex
429 Cathinone
430 Coca Leaves
431 Dichloralphenazone
432 Methcathinone
433 Modafinil
434 Vinabarbitol
435 Methylone
495 "Stimulants, Type Unknown"

500-595 HALLUCINOGENS

500 Amphetamine Variants
501 Bufotenine
503 Diethyltryptamine (DET)
504 Dimethoxyamphetamine(DOM)
505 Dimethyltryptamine (DMT)
506 DMA
507 Dronabinol
508 Ethyl-pipirdylbenzilate
509 Ibogaine
510 LSD
511 Lysergic Acid
512 Mescaline
513 Methylenedioxymethamphetamine (MDMA)
514 Methoxyamphetamine (PMA)
515 Methylenedioxyamphetamine (MDA)
516 Nabilone
517 Peyote
518 Phenylacetone (P2P)
519 Psilocybin
520 Psilocyn
521 Trimethoxy amphetamine
522 Ketamine
523 Alpha-Ethyltryptamine
524 Bromo-dimethoxyamphetamine
525 Bromo-dimethoxyphenethylamine
527 Lysergic Acid Amide
528 Lysergic Acid Diethylamide
529 Methylaminorex
530 Meth-dimethoxyamphetamine
531 Methylenedioxy-N-ethylamphetamine
532 Dimethylamphetamine

533 Ethyl-phenylcyclohexylamine
595 "Hallucinogens, Type Unknown"
600-695 CANNABINOID

600 Delta 9
601 Hashish Oil
602 Hashish
603 Marijuana
604 Marinol
605 Tetrahydrocannabinoid
606 THC
695 "Cannabinoid, Type Unknown"

700-795 PCP

700 Ethylamine
701 Parahexyl (Synhexyl)
702 Phencyclidine
703 Phencyclidine Analogs
704 Phenylcyclohexylamine
705 Piperidinocyclohexane-carbonitrile (PCC)
706 "Pyrrolidine (PCPy,PHP,TCPy) "
707 Thiophene
708 Thienylcyclohexyl/piperidine
795 "PCP, Type Unknown"

800-895 ANABOLIC STEROIDS

800 Boldenone
801 Chlorotestosterone
802 Chlostebol
803 Dehydrochlormethyltestosterone
804 Dihydrotestosterone
805 Drostanolone
806 Ethylestrenol
807 Fluoxymesterone
808 Formebolone (Formebolone)
809 Mesterolone
810 Methandienone
811 Methandranone
812 Methandriol
813 Methandrostenolone
814 Methenolone

Drugs By Category Type

815 Methyltestosterone
816 Mibolerone
817 Nandrolone
818 Norethandrolone
819 Oxandrolone
820 Oxymesterone
821 Oxymetholone
822 Stanolone
823 Stanozolol
824 Testolactone
825 Testosterone
826 Trenbolone
827 Clostebol
895 "Anabolic Steroid, Type
Unknown"

900-995 INHALANT

900 Volatile Solvents (toluene)
901 Plastic Cement (airplane glue)
902 Paint and Paint Removers
903 "Petroleum Products (gasoline,
kerosene)"
904 Lacquer Thinners
920 Anesthetic Gases
921 Amyl Nitrite
923 Butly Nitrite
924 Nitrous Oxide
925 Ether
926 Chloroform
940 Aerosols (hydrocarbon gases)
941 Hair spray
942 Insecticides
943 Glass Chillers
944 Frying Pan Lubricants
995 "Inhalants, Type Unknown"

996 OTHER,

997 TESTED; RESULTS UNKNOWN

998 TESTED; DRUGS FOUND; TYPE
UNKNOWN

999 UNKNOWN IF TESTED FOR DRUG

